BRUHATH BANGALORE MAHANAGARA PALIKE
PROJECT DIVISION YELAHANKA ZONE

Name of Work: Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02).

MODIFIED ESTIMATE

Estimated Cost= 100000000.00

Sl No	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
1	Demolishing **cement concrete** manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. (KPWD SR 2021-22, Volume-II, Item No.19.2.1, Page No.163)								
		Cum							
	Coping on SSM								
	Sri Madivala Machideva Park								
			1	28.30	0.45	0.10	1.27		
			1	15.80	0.45	0.10	0.71		
			1	8.00	0.45	0.10	0.36		
			1	7.00	0.45	0.10	0.32		
			1	3.60	0.45	0.10	0.16		
			1	6.80	0.45	0.10	0.31		
			1	3.70	0.45	0.10	0.17		
			1	6.30	0.45	0.10	0.28		
			1	11.80	0.45	0.10	0.53		
			1	19.80	0.45	0.10	0.89		
			1	18.70	0.45	0.10	0.84		
			1	10.50	0.45	0.10	0.47		
			1	18.70	0.45	0.10	0.84		
			1	20.00	0.45	0.10	0.90		
			1	13.10	0.45	0.10	0.59		
			1	7.00	0.45	0.10	0.32		
			1	4.70	0.45	0.10	0.21		
			1	12.80	0.45	0.10	0.58		
			1	8.00	0.45	0.10	0.36		
			1	72.80	0.45	0.10	3.28		
			1	5.70	0.45	0.10	0.26		
			1	30.02	0.45	0.10	1.35		
	Sri Mahayogi Vemanna Park								
			1	59.00	0.45	0.10	2.66		
			1	163.00	0.45	0.10	7.34		
			1	38.00	0.45	0.10	1.71		
			1	34.70	0.45	0.10	1.56		
	Unnikrishnan Road Parallel Park								
			1	33.70	0.45	0.10	1.52		
			1	100.00	0.45	0.10	4.50		
			1	38.85	0.45	0.10	1.75		
			1	79.00	0.45	0.10	3.56		
	J.P Rajarathno Park								
			1	52.00	0.45	0.10	2.34		
			1	32.00	0.45	0.10	1.44		
			1	24.40	0.45	0.10	1.10		
			1	70.00	0.45	0.10	3.15		
							Total Quantity	**47.60**	
							Shedule B Quantity	**47.98**	
							Total Executed Quantity	**47.60**	**1,448.91**	**68968.00**

Sl.No	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
2	Demolishing **stone rubble masonry in cement mortar** manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin- charge. (KPWD SR 2021-22, Volume-II, Item No.19.9.2, Page No.163)								
		Cum							
	Damaged SSM Coumpound								
	Sri Madivala Machideva Park								
			1	28.30	0.60	0.20	3.40		
			1	15.80	0.60	0.20	1.90		
			1	8.00	0.60	0.20	0.96		
			1	7.00	0.60	0.20	0.84		
			1	3.60	0.60	0.20	0.43		
			1	6.80	0.60	0.20	0.82		
			1	3.70	0.60	0.20	0.44		
			1	6.30	0.60	0.20	0.76		
			1	11.80	0.60	0.20	1.42		
			1	19.80	0.60	0.20	2.38		
			1	18.70	0.60	0.20	2.24		
			1	10.50	0.60	0.20	1.26		
			1	18.70	0.60	0.20	2.24		
			1	20.00	0.60	0.20	2.40		
			1	13.10	0.60	0.20	1.57		
			1	7.00	0.60	0.20	0.84		
			1	4.70	0.60	0.20	0.56		
			1	12.80	0.60	0.20	1.54		
			1	8.00	0.60	0.20	0.96		
			1	72.80	0.60	0.20	8.74		
			1	5.70	0.60	0.20	0.68		
			1	30.02	0.60	0.20	3.60		
			1	28.30	0.45	0.40	5.09		
			1	15.80	0.45	0.40	2.84		
			1	8.00	0.45	0.40	1.44		
			1	7.00	0.45	0.40	1.26		
			1	3.60	0.45	0.40	0.65		
			1	6.80	0.45	0.40	1.22		
			1	3.70	0.45	0.40	0.67		
			1	6.30	0.45	0.40	1.13		
			1	11.80	0.45	0.40	2.12		
			1	19.80	0.45	0.40	3.56		
			1	18.70	0.45	0.40	3.37		
			1	10.50	0.45	0.40	1.89		
			1	18.70	0.45	0.40	3.37		
			1	20.00	0.45	0.40	3.60		
			1	13.10	0.45	0.40	2.36		
			1	7.00	0.45	0.40	1.26		
			1	4.70	0.45	0.40	0.85		
			1	12.80	0.45	0.40	2.30		
			1	8.00	0.45	0.40	1.44		
			1	72.80	0.45	0.40	13.10		
			1	5.70	0.45	0.40	1.03		
			1	30.00	0.45	0.40	5.40		
	Sri Mahayogi Vemanna Park								
			1	59.00	0.60	0.20	7.08		
			1	163.00	0.60	0.20	19.56		
			1	38.00	0.60	0.20	4.56		
			1	34.70	0.60	0.20	4.16		

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			1	59.00	0.45	0.40	10.62		
			1	163.00	0.45	0.40	29.34		
			1	38.00	0.45	0.40	6.84		
			1	29.60	0.45	0.40	5.33		
	Unnikrishnan Road Parallel Park								
			1	33.70	0.60	0.20	4.04		
			1	100.00	0.60	0.20	12.00		
			1	38.85	0.60	0.20	4.66		
			1	79.00	0.60	0.20	9.48		
			1	33.70	0.45	0.40	6.07		
			1	100.00	0.45	0.40	18.00		
			1	38.85	0.45	0.40	6.99		
			1	79.00	0.45	0.40	14.22		
	J.P Rajarathno Park								
			1	52.00	0.60	0.20	6.24		
			1	32.00	0.60	0.20	3.84		
			1	24.40	0.60	0.20	2.93		
			1	70.00	0.60	0.20	8.40		
			1	52.00	0.45	0.40	9.36		
			1	32.00	0.45	0.40	5.76		
			1	24.40	0.45	0.40	4.39		
			1	70.00	0.45	0.40	12.60		
						Total Quantity	**316.41**		
						Shedule B Quantity	**319.86**		
						Total Executed Quantity	**316.41**	**1414.77**	**447647.00**
3	Earth work in surface excavation by mechanical means for **lowering & leveling** the ground without blasting for all works other than foundation in Ordinary/Soft rock & depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work **In Ordinary/Soft rock upto 300mm depth.** (KPWD SR 2021-22, Volume-I, Item No.1.13, Page No.8)									
		Cum							
	Unnikrishnan Park								
			1	104.50	4.50	0.20	94.05		
	Sri Madivala Machideva Park								
	Inside Pathway		1	255.00	2.00	0.20	102.00		
	Out Side Path Way		1	39.30	2.00	0.20	15.72		
	Sri Mahayogi Vemanna Park path way		1	370.00	2.00	0.20	148.00		
	shoulder drain		1	10.00	0.75	0.20	1.50		
	Rajarathnao park (pathway)		1	152.20	2.00	0.20	60.88		
	Out Side Path Way		1	83.40	1.90	0.20	31.69		
	Sri Madivala Machideva Park								
	Plat farm for Benches		7	2.20	1.50	0.20	4.62		
	Sri Mahayogi Vemanna Park								
			13	2.25	1.80	0.20	10.53		
	Rajarathnao park								
			8	2.20	1.50	0.20	5.28		
	valmiki park								
			10	2.20	1.35	0.20	5.94		
			1	11.50	3.30	0.20	7.65		

	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	vemana park side drain Desilt								
			1	62.00	0.50	0.60	18.60		
	watchman shed (SUMP)		1	4.00	4.20	3.00	50.40		
	watchman shed Outside Area		1	5.65	2.00	0.30	3.39		
			1	6.20	1.90	0.30	3.53		
			1	7.60	0.95	0.30	2.17		
			1	7.60	1.35	0.30	3.08		
	CC roads		1	11.60	9.00	0.30	31.32		
			1	11.00	7.00	0.30	23.10		
			1	11.00	5.00	0.30	16.50		
			1	16.50	11.00	0.30	54.45		
	Tranformer fondation cycle track		1	4.50	1.70	1.50	11.48		
	cycle track		1	15.20	17.60	0.50	133.76		
	For Building								
	Site area		1	14.50	10.50	0.30	45.68		
	Sardar Vallabhai Patel Park		1	54.00	2.50	0.20	27.00		
						Total Quantity	**912.31**		
						Shedule B Quantity	**889.55**		
						Quantity upto 125%	**912.31**	**304.42**	**277725.00**
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (KPWD SR 2021-22, Volume-I, Item No.1.4.1, Page No.5)								
		Cum							
	For SSM Coumpound								
	Unnikrishnan Park		1	105.00	0.90	0.75	70.88		
	Sri Madivala Machideva Park		1	28.30	0.90	0.75	19.10		
			1	15.80	0.90	0.75	10.67		
			1	8.00	0.90	0.75	5.40		
			1	7.00	0.90	0.75	4.73		
			1	3.60	0.90	0.75	2.43		
			1	6.80	0.90	0.75	4.59		
			1	3.70	0.90	0.75	2.50		
			1	6.30	0.90	0.75	4.25		
			1	11.80	0.90	0.75	7.97		
			1	19.80	0.90	0.75	13.37		
			1	18.70	0.90	0.75	12.62		
			1	10.50	0.90	0.75	7.09		
			1	18.70	0.90	0.75	12.62		
			1	20.00	0.90	0.75	13.50		
			1	13.10	0.90	0.75	8.84		
			1	7.00	0.90	0.75	4.73		
			1	4.70	0.90	0.75	3.17		
			1	12.80	0.90	0.75	8.64		
			1	8.00	0.90	0.75	5.40		

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			1	72.80	0.90	0.75	49.14		
			1	5.70	0.90	0.75	3.85		
			1	30.00	0.90	0.75	20.25		
	Sri Mahayogi Vemanna Park								
			1	59.00	0.90	0.75	39.83		
			1	163.00	0.90	0.75	110.03		
			1	38.00	0.90	0.75	25.65		
			1	34.70	0.90	0.75	23.42		
	SSM Drain		1	100.00	0.60	0.60	35.99		
	Unnikrishnan Road Parallel Park								
			1	33.70	0.90	0.75	22.75		
			1	100.00	0.90	0.75	67.50		
			1	39.00	0.90	0.75	26.33		
			1	79.00	0.90	0.75	53.33		
	J.P Rajarathno Park								
			1	52.00	0.90	0.75	35.10		
			1	32.00	0.90	0.75	21.60		
			1	24.44	0.90	0.75	16.50		
			1	70.00	0.90	0.75	47.25		
	For RCC Culvert								
	Unnikrishnan Park								
			1	6.80	1.30	1.25	11.05		
			1	4.20	1.30	1.25	6.83		
			1	7.50	1.30	1.25	12.19		
	SSM Drain in Unnikrishnan Park		1	57.00	1.80	1.00	102.60		
	Near Cycle track								
			1	8.60	0.90	0.90	6.97		
						Total Quantity	**960.61**		
						Shedule B Quantity	**983.30**		
						Total Executed Quantity	**960.61**	**213.68**	**205262.00**
5	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.Depth exceeding 1.5 m, but not exceeding 3 m (P.No. 9, I.No. 1.15.2 of PWP & IWTD SR 2021-22)								
		Cum							
	For Building								
	Footings -F1		7	1.80	2.00	2.40	60.48		
	Footings -F2		3	2.00	2.40	2.40	34.56		
	Footings -F3		4	2.30	2.30	2.40	50.78		
	Footings -F4		3	2.00	2.00	2.40	28.80		
	For Short walls		2	3.00	1.00	1.20	7.20		
			1	3.50	1.00	1.20	4.20		
	For Long walls		1	6.00	1.00	1.20	7.20		
			1	5.80	1.00	1.20	6.96		
			2	0.90	1.00	1.20	2.16		
	For Sump		1	3.00	2.80	2.00	16.80		
						Total Quantity	**219.14**		
						Shedule B Quantity	**194.82**		
						Quantity upto 125%	**219.14**	**366.86**	**80395.00**

	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.								
		Cum							
	Consider 50% Of Qty wide						111.00		
						Total Quantity	111.00		
						Shedule B Quantity	173.54		
						Total Executed Quantity	111.00	233.19	25902.00
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (KPWD SR 2021-22, Volume-I, Item No.2.1.3, Page No.15)								
		Cum							
	Unnikrishnan Park								
	For SSM Coumpound		1	104.50	0.90	0.15	14.11		
	For RCC Culvert								
	Unnikrishnan Park								
			1	6.80	1.30	0.20	1.77		
			1	4.20	1.30	0.20	1.09		
			1	7.50	1.30	0.20	1.95		
	SSM Drain in Unnikrishnan Park		1	57.00	1.80	0.15	15.39		
	For Cycle Track		1	104.50	1.92	0.20	40.13		
	path way		1	104.50	2.30	0.20	48.07		
	For Kerb		3	104.50	0.20	0.10	6.27		
	Sri Madivala Machideva Park								
			1	28.30	0.90	0.15	3.82		
			1	15.80	0.90	0.15	2.13		
			1	8.00	0.90	0.15	1.08		
			1	7.00	0.90	0.15	0.95		
			1	3.60	0.90	0.15	0.49		
			1	6.80	0.90	0.15	0.92		
			1	3.70	0.90	0.15	0.50		
			1	6.30	0.90	0.15	0.85		
			1	11.80	0.90	0.15	1.59		
			1	19.80	0.90	0.15	2.67		
			1	18.70	0.90	0.15	2.52		
			1	10.50	0.90	0.15	1.42		
			1	18.70	0.90	0.15	2.52		
			1	20.00	0.90	0.15	2.70		
			1	13.10	0.90	0.15	1.77		
			1	7.00	0.90	0.15	0.95		
			1	4.70	0.90	0.15	0.63		
			1	12.80	0.90	0.15	1.73		
			1	8.00	0.90	0.15	1.08		
			1	72.80	0.90	0.15	9.83		
			1	5.70	0.90	0.15	0.77		
			1	30.00	0.90	0.15	4.05		
	Sri Madivala Machideva Park								
	Inside Pathway		1	283.90	2.10	0.10	59.62		
	Out Side Path Way		1	39.30	2.15	0.10	8.45		

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
For Kerb								
		2	255.00	0.20	0.10	10.20		
Front Portion		1	28.40	0.20	0.10	0.57		
For Benches		7	5.50	0.20	0.10	0.77		
Plat farm for Benches		7	2.20	1.50	0.15	3.47		
Sri Mahayogi Vemanna Park								
		1	59.00	0.90	0.15	7.97		
		1	163.00	0.90	0.15	22.01		
		1	38.00	0.90	0.15	5.13		
		1	34.70	0.90	0.15	4.68		
SSM Drain		1	100.00	0.60	0.15	9.00		
Unnikrishnan Road Parallel Park								
		1	33.70	0.90	0.15	4.55		
		1	100.00	0.90	0.15	13.50		
		1	39.00	0.90	0.15	5.27		
		1	79.00	0.90	0.15	10.67		
J.P Rajarathno Park								
		1	52.00	0.90	0.15	7.02		
		1	32.00	0.90	0.15	4.32		
		1	24.44	0.90	0.15	3.30		
		1	70.00	0.90	0.15	9.45		
Plat farm for Benches								
Sri Mahayogi Vemanna Park		13	2.25	1.80	0.15	7.90		
Rajarathnao park		8	2.20	1.60	0.20	5.63		
valmiki park		10	2.20	1.31	0.20	5.74		
For Path Way								
Sri Mahayogi Vemanna Park path way		1	370.00	2.00	0.10	74.00		
shoulder drain		1	10.50	0.75	0.15	1.18		
Rajarathnao park		1	152.20	2.10	0.10	31.96		
Out Side Path Way		1	83.40	1.90	0.10	158.46		
		1	15.80	3.60	0.15	8.53		
For Kerb Around Benches								
Sri Mahayogi Vemanna Park		13	5.60	0.20	0.10	1.46		
Rajarathnao park		8	5.40	0.20	0.10	0.86		
valmiki park		10	4.80	0.20	0.10	0.96		
For Kerb								
Sri Mahayogi Vemanna Park		2	370.00	0.20	0.10	14.80		
Rajarathnao park		2	160.40	0.20	0.10	6.42		
Road side kerb		1	87.00	0.20	0.10	1.74		
watchman shed (SUMP)		1	3.80	3.80	0.15	2.17		
watchman shed side		1	5.65	2.00	0.15	1.70		
		1	6.20	1.90	0.15	1.77		
		1	7.60	0.95	0.15	1.08		
		1	7.60	1.35	0.15	1.54		
cc roads		1	11.60	9.00	0.15	15.66		
		1	11.00	7.00	0.15	11.55		
		1	11.00	5.00	0.15	8.25		
		1	16.50	11.00	0.15	27.23		

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
For Kerb								
		2	255.00	0.20	0.10	10.20		
Front Portion		1	28.40	0.20	0.10	0.57		
For Benches		7	5.50	0.20	0.10	0.77		
Plat farm for Benches		7	2.20	1.50	0.15	3.47		
Sri Mahayogi Vemanna Park								
		1	59.00	0.90	0.15	7.97		
		1	163.00	0.90	0.15	22.01		
		1	38.00	0.90	0.15	5.13		
		1	34.70	0.90	0.15	4.68		
SSM Drain		1	100.00	0.60	0.15	9.00		
Unnikrishnan Road Parallel Park								
		1	33.70	0.90	0.15	4.55		
		1	100.00	0.90	0.15	13.50		
		1	39.00	0.90	0.15	5.27		
		1	79.00	0.90	0.15	10.67		
J.P Rajarathno Park								
		1	52.00	0.90	0.15	7.02		
		1	32.00	0.90	0.15	4.32		
		1	24.44	0.90	0.15	3.30		
		1	70.00	0.90	0.15	9.45		
Plat farm for Benches								
Sri Mahayogi Vemanna Park		13	2.25	1.80	0.15	7.90		
Rajarathnao park		8	2.20	1.60	0.20	5.63		
valmiki park		10	2.20	1.31	0.20	5.74		
For Path Way								
Sri Mahayogi Vemanna Park path way		1	370.00	2.00	0.10	74.00		
shoulder drain		1	10.50	0.75	0.15	1.18		
Rajarathnao park		1	152.20	2.10	0.10	31.96		
Out Side Path Way		1	83.40	1.90	0.10	158.46		
		1	15.80	3.60	0.15	8.53		
For Kerb Around Benches								
Sri Mahayogi Vemanna Park		13	5.60	0.20	0.10	1.46		
Rajarathnao park		8	5.40	0.20	0.10	0.86		
valmiki park		10	4.80	0.20	0.10	0.96		
For Kerb								
Sri Mahayogi Vemanna Park		2	370.00	0.20	0.10	14.80		
Rajarathnao park		2	160.40	0.20	0.10	6.42		
Road side kerb		1	87.00	0.20	0.10	1.74		
watchman shed (SUMP)		1	3.80	3.80	0.15	2.17		
watchman shed side		1	5.65	2.00	0.15	1.70		
		1	6.20	1.90	0.15	1.77		
		1	7.60	0.95	0.15	1.08		
		1	7.60	1.35	0.15	1.54		
cc roads		1	11.60	9.00	0.15	15.66		
		1	11.00	7.00	0.15	11.55		
		1	11.00	5.00	0.15	8.25		
		1	16.50	11.00	0.15	27.23		

	Description of work	Unit	Nos	Dimenstions In m			Quantity	Rate In Rs.	Amount In Rs.
				L in m	B in m	D in m			
	tranformer fondation cycle track		1	4.40	1.50	0.15	0.99		
	Cycle track kerb		1	40.70	0.20	0.15	1.22		
	cycle track continue portion		1	15.20	17.60	0.15	40.13		
	Near Cycle track for SSM								
	PCC		1	8.60	0.90	0.15	1.16		
	Coping		1	8.60	0.60	0.10	0.52		
	For Building								
	Footings -F1		7	1.60	1.80	0.15	3.02		
	Footings -F2		3	1.80	2.20	0.15	1.78		
	Footings -F3		4	2.10	2.10	0.15	2.65		
	Footings -F4		3	1.80	1.80	0.15	1.46		
	For Short walls		2	3.00	1.00	0.15	0.90		
			1	3.50	1.00	0.15	0.53		
	For Long walls		1	6.00	1.00	0.15	0.90		
			1	5.80	1.00	0.15	0.87		
			2	0.90	1.00	0.15	0.27		
	For Sump		1	3.00	2.80	0.15	1.26		
	Sardar Vallabhai Patel Park								
	For Kerb		2	54.00	0.20	0.10	2.16		
	For Path way		1	54.00	2.50	0.10	13.50		
						Total Quantity	827.56		
						Shedule B Quantity	472.18		
						Now to be paid qty upto 125%	590.23	5854.20	3455317.00
						Quantity Above 125%	237.33	6359.89	1509374.00
	Rate Analysis is Enclosed								
8	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates								
		Cum							
	For Building								
	For Short walls		3	9.30	0.45	0.10	1.29		
	For Long walls		2	12.00	0.45	0.10	1.08		
			2	3.10	0.45	0.10	0.28		
	watchman shed (SUMP)Raft		1	3.30	3.80	0.20	2.51		
	For building								
	Flooring		1	8.90	12.00	0.15	16.02		
	Stage		1	2.10	4.00	0.15	1.26		
	Deduction For Column								
	C1		-10	0.45	0.20	0.10	-0.09		
	C2		-4	0.45	0.30	0.10	-0.05		
						Total Quantity	22.30		
						Shedule B Quantity	2.54		
						Now to be paid qty upto 125%	3.18	6601.59	20981.00
						Quantity Above 125%	19.12	6733.19	128725.00
	Rate Analysis is Enclosed								

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
9	Stones Providing Size Stone masonry **(Available Stones)** with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Cum							
	For Building								
	50% for Avaiable stone from item no.02						158.66		
						Total Quantity	**158.66**		
						Shedule B Quantity	**159.93**		
						Total Executed Quantity	**158.66**	**4390.65**	**696621.00**
10	Providing **Coursed rubble masonry (first sort)** with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2021-22, Volume-II, Item No.5.2, Page No.9)								
		Cum							
	For SSM Coumpound								
	Sri Madivala Machideva Park								
	Step-1		1	28.30	0.75	0.20	4.25		
			1	15.80	0.75	0.20	2.37		
			1	8.00	0.75	0.20	1.20		
			1	7.00	0.75	0.20	1.05		
			1	3.60	0.75	0.20	0.54		
			1	6.80	0.75	0.20	1.02		
			1	3.70	0.75	0.20	0.56		
			1	6.30	0.75	0.20	0.95		
			1	11.80	0.75	0.20	1.77		
			1	19.80	0.75	0.20	2.97		
			1	18.70	0.75	0.20	2.81		
			1	10.50	0.75	0.20	1.58		
			1	18.70	0.75	0.20	2.81		
			1	20.00	0.75	0.20	3.00		
			1	13.10	0.75	0.20	1.97		
			1	7.00	0.75	0.20	1.05		
			1	4.70	0.75	0.20	0.71		
			1	12.80	0.75	0.20	1.92		
			1	8.00	0.75	0.20	1.20		
			1	72.80	0.75	0.20	10.92		
			1	5.70	0.75	0.20	0.86		
			1	30.00	0.75	0.20	4.50		
	Step-2								
			1	28.30	0.60	0.40	6.79		
			1	15.80	0.60	0.40	3.79		
			1	8.00	0.60	0.40	1.92		
			1	7.00	0.60	0.40	1.68		
			1	3.60	0.60	0.40	0.86		
			1	6.80	0.60	0.40	1.63		
			1	3.70	0.60	0.40	0.89		
			1	6.30	0.60	0.40	1.51		
			1	11.80	0.60	0.40	2.83		
			1	19.80	0.60	0.40	4.75		
			1	18.70	0.60	0.40	4.49		
			1	10.50	0.60	0.40	2.52		
			1	18.70	0.60	0.40	4.49		
			1	20.00	0.60	0.40	4.80		
			1	13.10	0.60	0.40	3.14		
			1	7.00	0.60	0.40	1.68		
			1	4.70	0.60	0.40	1.13		

Description of work	Unit	Nos	Dimenstions In m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
		1	12.80	0.60	0.40	3.07		
		1	8.00	0.60	0.40	1.92		
		1	72.80	0.60	0.40	17.47		
		1	5.70	0.60	0.40	1.37		
		1	30.00	0.60	0.40	7.20		
Step-2								
		1	28.30	0.45	0.20	2.55		
		1	15.80	0.45	0.20	1.42		
		1	8.00	0.45	0.20	0.72		
		1	7.00	0.45	0.20	0.63		
		1	3.60	0.45	0.20	0.32		
		1	6.80	0.45	0.20	0.61		
		1	3.70	0.45	0.20	0.33		
		1	6.30	0.45	0.20	0.57		
		1	11.80	0.45	0.20	1.06		
		1	19.80	0.45	0.20	1.78		
		1	18.70	0.45	0.20	1.68		
		1	10.50	0.45	0.20	0.95		
		1	18.70	0.45	0.20	1.68		
		1	20.00	0.45	0.20	1.80		
		1	13.10	0.45	0.20	1.18		
		1	7.00	0.45	0.20	0.63		
		1	4.70	0.45	0.20	0.42		
		1	12.80	0.45	0.20	1.15		
		1	8.00	0.45	0.20	0.72		
		1	72.80	0.45	0.20	6.55		
		1	5.70	0.45	0.20	0.51		
		1	30.00	0.45	0.20	2.70		
Unnikrishnan Park								
Step-1		1	104.50	0.75	0.20	15.68		
Step-2		1	104.50	0.60	0.40	25.08		
Step-3		1	104.50	0.45	0.20	9.41		
SSM Drain in Unnikrishnan Park		2	57.00	0.45	0.90	46.17		
Sri Mahayogi Vemanna Park								
Step-1		1	59.00	0.75	0.20	8.85		
		1	163.00	0.75	0.20	24.45		
		1	38.00	0.75	0.20	5.70		
		1	34.70	0.75	0.20	5.21		
Step-2		1	59.00	0.60	0.40	14.16		
		1	163.00	0.60	0.40	39.12		
		1	38.00	0.60	0.40	9.12		
		1	34.61	0.60	0.40	8.31		
Step-3		1	59.00	0.45	0.20	5.31		
		1	163.00	0.45	0.20	14.67		
		1	38.00	0.45	0.20	3.42		
		1	34.00	0.45	0.20	3.06		
Unnikrishnan Road Parallel Park								
Step-1		1	33.70	0.75	0.20	5.06		

S.No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			1	100.00	0.75	0.20	15.00		
			1	39.00	0.75	0.20	5.85		
			1	79.00	0.75	0.20	11.85		
	Step-2		1	33.70	0.60	0.40	8.09		
			1	100.00	0.60	0.40	24.00		
			1	39.00	0.60	0.40	9.36		
			1	79.00	0.60	0.40	18.96		
	Step-3		1	33.70	0.45	0.20	3.03		
			1	100.00	0.45	0.20	9.00		
			1	39.00	0.45	0.20	3.51		
			1	79.00	0.45	0.20	7.11		
	J.P Rajarathno Park								
	Step-1		1	52.00	0.75	0.20	7.80		
			1	32.00	0.75	0.20	4.80		
			1	24.43	0.75	0.20	3.66		
			1	70.00	0.75	0.20	10.50		
	Step-2		1	52.00	0.60	0.40	12.48		
			1	32.00	0.60	0.40	7.68		
			1	24.44	0.60	0.40	5.87		
			1	70.00	0.60	0.40	16.80		
	Step-3		1	52.00	0.45	0.20	4.68		
			1	32.00	0.45	0.20	2.88		
			1	24.45	0.45	0.20	2.20		
			1	70.00	0.45	0.20	6.30		
	SSM Drain		1	100.00	0.60	0.40	24.00		
	Deduction of Available stone item no.06						-158.66		
						Total Quantity	469.40		
						Shedule B Quantity	489.73		
						Total Executed Quantity	469.40	5854.20	2747938.00
11	Providing **Coursed rubble masonry (Second sort)** with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2021-22, Volume-II, Item No.5.2, Page No.9)								
		Cum							
	Sri Madivala Machideva Park								
			1	28.30	0.45	0.40	5.09		
			1	15.80	0.45	0.40	2.84		
			1	8.00	0.45	0.40	1.44		
			1	7.00	0.45	0.40	1.26		
			1	3.60	0.45	0.40	0.65		
			1	6.80	0.45	0.40	1.22		
			1	3.70	0.45	0.40	0.67		
			1	6.30	0.45	0.40	1.13		
			1	11.80	0.45	0.40	2.12		
			1	19.80	0.45	0.40	3.56		
			1	18.70	0.45	0.40	3.37		
			1	10.50	0.45	0.40	1.89		
			1	18.70	0.45	0.40	3.37		
			1	20.00	0.45	0.40	3.60		
			1	13.10	0.45	0.40	2.36		

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			1	7.00	0.45	0.40	1.26		
			1	4.70	0.45	0.40	0.85		
			1	12.80	0.45	0.40	2.30		
			1	8.00	0.45	0.40	1.44		
			1	72.80	0.45	0.40	13.10		
			1	5.70	0.45	0.40	1.03		
			1	30.00	0.45	0.40	5.40		
	Unnikrishnan Park								
			1	104.50	0.45	0.40	18.81		
	Sri Mahayogi Vemanna Park								
			1	59.00	0.45	0.40	10.62		
			1	163.00	0.45	0.40	29.34		
			1	38.00	0.45	0.40	6.84		
			1	34.70	0.45	0.40	6.25		
	SSM Drain		1	112.00	0.45	0.40	20.16		
	Unnikrishnan Road Parallel Park								
			1	33.70	0.45	0.40	6.07		
			1	100.00	0.45	0.40	18.00		
			1	39.00	0.45	0.40	7.02		
			1	79.00	0.45	0.40	14.22		
	J.P Rajarathno Park								
			1	52.00	0.45	0.40	9.36		
			1	32.00	0.45	0.40	5.76		
			1	24.44	0.45	0.40	4.40		
			1	70.00	0.45	0.40	12.60		
			1	8.47	0.45	0.40	1.52		
	Deduction of pole concrete								
	mahayogi vemanna park		-80		0.45	0.60	-21.60		
	Unnikrishnan park		-68		0.45	0.60	-18.36		
	Rajarathnao park		-55		0.45	0.60	-14.85		
	madivala machideva park		-92		0.45	0.60	-24.84		
						Total Quantity	**151.27**		
						Shedule B Quantity	**225.40**		
						Total Executed Quantity	**151.27**	**5659.06**	**856069.00**
12	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite / trap /basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.								
		Cum							
	Sri Madivala Machideva Park								
			1	28.30	0.45	0.10	1.27		
			1	15.80	0.45	0.10	0.71		
			1	8.00	0.45	0.10	0.36		
			1	7.00	0.45	0.10	0.32		
			1	3.60	0.45	0.10	0.16		
			1	6.80	0.45	0.10	0.31		
			1	3.70	0.45	0.10	0.17		
			1	6.30	0.45	0.10	0.28		

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
		1	11.80	0.45	0.10	0.53		
		1	19.80	0.45	0.10	0.89		
		1	18.70	0.45	0.10	0.84		
		1	10.50	0.45	0.10	0.47		
		1	18.70	0.45	0.10	0.84		
		1	20.00	0.45	0.10	0.90		
		1	13.10	0.45	0.10	0.59		
		1	7.00	0.45	0.10	0.32		
		1	4.70	0.45	0.10	0.21		
		1	12.80	0.45	0.10	0.58		
		1	8.00	0.45	0.10	0.36		
		1	72.80	0.45	0.10	3.28		
		1	5.70	0.45	0.10	0.26		
		1	30.00	0.45	0.10	1.35		
Unnikrishnan Park								
		1	104.50	0.45	0.10	4.70		
Sri Mahayogi Vemanna Park								
		1	59.00	0.45	0.10	2.66		
		1	163.00	0.45	0.10	7.34		
		1	38.00	0.45	0.10	1.71		
		1	34.70	0.45	0.10	1.56		
Unnikrishnan Road Parallel Park								
		1	33.70	0.45	0.10	1.52		
		1	100.00	0.45	0.10	4.50		
		1	39.00	0.45	0.10	1.76		
		1	79.00	0.45	0.10	3.56		
J.P Rajarathno Park								
		1	52.00	0.45	0.10	2.34		
		1	32.00	0.45	0.10	1.44		
		1	24.44	0.45	0.10	1.10		
		1	67.00	0.45	0.10	3.02		
SSM Drain		1	61.20	0.45	0.10	2.75		
		1	87.00	0.45	0.10	3.92		
Drain Went Concrete								
Unnikrishnan Park		1	57.00	0.70	0.15	5.99		
Rajarathnao park		1	87.00	0.60	0.15	7.83		
Sri Mahayogi Vemanna Park		1	61.70	0.60	0.15	5.55		
Culvert ramp		2	6.80	0.90	0.20	2.45		
		2	4.20	0.90	0.20	1.51		
		2	7.50	0.90	0.20	2.70		
Pole Concrete								
mahayogi vemanna park		80	1.00	0.45	0.60	21.60		
Unnikrishnan park		65	1.00	0.45	0.60	17.55		
Rajarathnao park		55	1.00	0.45	0.60	14.85		
madivala machideva park		92	1.00	0.45	0.60	24.84		
Bus Shelters		4	11.80	3.00	0.10	14.16		
					Total Quantity	**177.87**		

S.No	Description of work	Unit	Nos	Dimensions In m			Quantity	Rate In Rs.	Amount In Rs.
				L In m	B In m	D In m			
						Shedule B Quantity	90.31		
						Now to be paid qty upto 125%	112.89	6,342.05	715930.00
						Quantity Above 125%	64.98	6559.13	426237.00
	Rate Analysis is Enclosed								
13	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)								
		Cum							
	For Culvert								
	Raft Concrete		1	6.80	1.10	0.20	1.50		
			1	4.20	1.10	0.20	0.92		
			1	7.50	1.10	0.20	1.65		
	Wall Concrete								
			2	6.80	0.25	0.90	3.06		
			2	4.20	0.25	0.90	1.89		
			2	7.50	0.25	0.90	3.38		
	Deck Slab		1	6.80	1.20	0.20	1.63		
			1	4.20	1.20	0.20	1.01		
			1	7.50	1.20	0.20	1.80		
	Deck Slab For SSM Drain		1	57.08	2.05	0.15	17.55		
	Rajarathnao park		1	87.00	0.60	0.15	7.83		
	Sri Mahayogi Vemanna Park		1	61.70	0.60	0.15	5.55		
	watchman shed side		1	5.65	2.00	0.15	1.70		
			1	6.20	1.90	0.15	1.77		
			1	7.60	0.95	0.15	1.08		
			1	7.60	1.35	0.15	1.54		
						Total Quantity	53.85		
						Shedule B Quantity	36.00		
						Now to be paid qty upto 125%	44.99	6342.05	285353.00
						Quantity Above 125%	8.86	6833.96	60551.00
	Rate Analysis is Enclosed								
14	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
		Tonne							
				3.55			3.55		
						Total Quantity	3.55		
						Shedule B Quantity	3.60		
						Total Executed Quantity	3.55	97570.00	345907.00
15	Providing **Flush/ Ruled pointing**: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2021-22, Volume-II, Item No.8.19.1, Page No.44)								
		Sqm							
	Sri Madivala Machideva Park								

S.No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			2	28.30		0.60	33.96		
			2	15.80		0.60	18.96		
			2	8.00		0.60	9.60		
			2	7.00		0.60	8.40		
			2	3.60		0.60	4.32		
			2	6.80		0.60	8.16		
			2	2.70		0.60	3.24		
			2	5.00		0.60	6.00		
			2	11.80		0.60	14.16		
			2	19.80		0.60	23.76		
			2	18.70		0.60	22.44		
			2	10.50		0.60	12.60		
			2	18.70		0.60	22.44		
			2	20.00		0.60	24.00		
			2	13.10		0.60	15.72		
			2	7.00		0.60	8.40		
			2	4.70		0.60	5.64		
			2	12.80		0.60	15.36		
			2	72.80		0.60	87.36		
			2	4.86		0.60	5.83		
			2	30.00		0.60	36.00		
	Unnikrishnan Park								
			2	104.50		0.40	83.60		
	Sri Mahayogi Vemanna Park								
			2	59.00		0.60	70.80		
			2	157.90		0.60	189.48		
			2	38.00		0.60	45.60		
			2	34.70		0.60	41.64		
	Unnikrishnan Road Parallel Park								
			2	33.70		0.60	40.44		
			2	100.00		0.60	120.00		
			2	35.30		0.60	42.36		
			2	79.00		0.60	94.80		
	J.P Rajarathno Park								
			2	52.00		0.60	62.40		
			2	32.00		0.60	38.40		
			2	24.44		0.60	29.33		
			2	64.20		0.60	77.04		
	Near Cycle track for SSM								
			2	8.60		0.40	6.88		
						Total Quantity	**1329.12**		
						Shedule B Quantity	**1109.76**		
						Now to be paid qty upto 125%	**1329.12**	**224.41**	**298268.00**
16	**Refilling available earth** around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications (KPWD SR 2021-22, Volume-I, Item No.1.10, Page No.7)								
		Cum							
	For Foundation								
	Excavated Earth Work qty from item no.04						960.61		
	30% of Refilling						293.25		

	Description of work	Unit	Nos	Dimenstions In m			Quantity	Rate in Rs.	Amount in Rs.
				L In m	B In m	D In m			
						Total Quantity	293.25		
						Shedule B Quantity	1,186.48		
						Total Executed Quantity	293.25	139.53	40917.00
17	Removing & Restting of **Kerb Stone** (Approved Rate)								
		m							
	Sri Madivala Machideva Park								
			2	255.00			510.00		
			2	15.00			30.00		
	Sri Mahayogi Vemanna Park								
			2	152.00			304.00		
			2	15.00			30.00		
			2	10.00			20.00		
			2	5.17			10.34		
			2	103.00			206.00		
			2	40.00			80.00		
	J.P Rajarathno Park								
			2	135.00			270.00		
			2	15.00			30.00		
	Sardar Vallabhai Patel Park								
			2	54.00			108.00		
							1598.34		
					70% for missing & damage		-1118.84		
						Total Quantity	479.50		
						Shedule B Quantity	447.18		
						Now to be paid qty upto 125%	479.50	135.62	65030.00
18	Providing and fixing **pre cast solid cement concrete kerb stones** made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (Approved Rate)								
		Nos							
	Sri Madivala Machideva Park								
	Plat farm for Benches		7	6.50		"/0.45	101.00		
	Front Portion		1	30.00		"/0.45	67.00		
	Unnikrishnan Park		3	104.50		"/0.45	697.00		
	Sri Mahayogi Vemanna Park								
			1	50.00		"/0.45	111.00		
	Plat farm for Benches		13	7.00		"/0.45	202.00		
	J.P Rajarathno Park								
	Plat farm for Benches		8	5.50		"/0.45	98.00		
	Road side Portion		1	103.00		"/0.45	229.00		
	Shoulder Drain		1	30.00		"/0.45	67.00		
			1	25.00		"/0.45	56.00		
	Valmiki Park		10	6.50		"/0.45	144.00		
	Near Cycle Track		1	63.00		"/0.45	140.00		
	For missing & damage from Item no.		17				1118.84	M	
							2486.00	No's	
						Total Quantity	4398.00		
						Shedule B Quantity	3,809.00		
						Now to be paid qty upto 125%	4398.00	544.44	2394447.00
19	Painting two coats after filling the surface with **synthetic enamel paint** in all shades on new plastered concrete surfaces (KPWD SR 2021-22, Volume-III, Item No.8.10, Page No.56)								
		Sqm							

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Kerb Painting								
	Sri Madivala Machideva Park								
			2	255.00		0.35	178.5		
			2	25.00		0.35	17.5		
	Road side Portion		1	28.40		0.35	9.94		
	Sri Mahayogi Vemanna Park								
			2	365.00		0.35	255.5		
	J.P Rajarathno Park								
			2	158.00		0.35	110.6		
	Sri Madivala Machideva Park								
	Plat farm for Benches		7	6.50		0.35	15.925		
	Unnikrishnan Park		3	104.50		0.35	109.725		
	Sri Mahayogi Vemanna Park								
	Plat farm for Benches		13	6.30		0.35	28.665		
	J.P Rajarathno Park								
	Plat farm for Benches		8	5.45		0.35	15.26		
	Valmiki Park		10	4.73		0.35	16.562		
	Near Cycle Track		1	63.00		0.35	22.05		
	Sardar Vallabhai Patel Park		2	54.00		0.35	37.80		
						Total Quantity	818.03		
						Shedule B Quantity	756.28		
						Now to be paid qty upto 125%	818.03	97.57	79815.00
20	**Construction of Median and Island with Soil Taken from Borrow Areas** Construction of median and Island above road level with approved material brought from borrow pits, spread, sloped and compacted as per clause 408. (KPWD SR 2021-22, Volume-III, Item No.4.30, Page No.25)								
		Cum							
	Sri Madivala Machideva Park								
			1	28.90	2.10	0.20	12.14		
	Extra portion for Benches		1	11.50	3.32	0.20	7.64		
						Total Quantity	19.78		
						Shedule B Quantity	14.10		
						Now to be paid qty upto 125%	17.63	516.96	9111.00
						Quantity Above 125%	2.16	516.44	1113.00
	Rate Analysis is Enclosed								
21	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (KWPD 2021-22, V-III, Item No.4.27, Page No.24)								
		Cum							
	Unnikrishnan Park								
			1	104.70	1.91	0.23	46.03		
	Cycle Track Continue Portion		1	15.20	17.60	0.23	61.53		
						Total Quantity	107.56		
						Shedule B Quantity	28.43		
						Now to be paid qty upto 125%	35.54	2,743.67	97496.00
						Quantity Above 125%	72.02	2741.37	197446.00
	Rate Analysis is Enclosed								
22	Providing and laying **Cement concrete pavement with 1:2:4** for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.4, Page No.59)								

S.No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
		Cum							
	Sri Madivala Machideva Park								
	Entrance Path Way		1	28.90	2.10	0.10	6.07		
	Unnikrishnan Park								
			1	104.70	1.91	0.15	30.04		
	Plat farm for Benches								
	Sri Madivala Machideva Park		7	2.20	1.50	0.10	2.31		
	Sri Mahayogi Vemanna Park		13	2.20	1.50	0.10	4.29		
	Rajarathnao park		8	2.20	1.60	0.10	2.82		
	valmiki park		10	2.20	1.30	0.10	2.86		
	For Gazzebo		1		36.83	0.10	3.68		
			Area = 3.14*0.85*0.85^2/4 = 36.83						
						Total Quantity	52.07		
						Shedule B Quantity	41.07		
						Now to be paid qty upto 125%	51.34	6,959.67	357292.00
						Quantity Above 125%	0.73	7099.62	5200.00
	Rate Analysis is Enclosed								
23	Providing and laying 52 mm thick **cement concrete flooring with concrete hardener topping,** under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.2, Page No.59)								
		Sqm							
	Unnikrishnan Park								
			1	104.50	1.92		201.01		
						Total Quantity	201.01		
						Shedule B Quantity	123.60		
						Now to be paid qty upto 125%	154.50	829.34	128133.00
						Quantity Above 125%	46.51	807.30	37547.00
	Rate Analysis is Enclosed								
24	Providing, laying & fixing cement base, precast, pre polished cement concrete, **designer tiles 25mm thick** conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (KPWD SR 2021-22, Volume-II, Item No.9.40, Page No.65)								
		Sqm							
	Plat farm for Benches								
	Sri Madivala Machideva Park		7	2.20	1.55		23.87		
	Sri Mahayogi Vemanna Park		13	2.20	1.84		52.59		
	Rajarathnao park		8	2.20	1.60		28.16		
	valmiki park		10	2.20	1.30		28.60		
	For Gazzebo		1		36.83		36.83		
			Area = 3.14*0.85*0.85^2/4 = 36.83						
						Total Quantity	170.05		
						Shedule B Quantity	154.80		
						Now to be paid qty upto 125%	170.05	1,271.34	216191.00

S.No	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
25	Fabricating,providing and erecting in position of MS Hot Dip galvanised Spfhollow poles of 132x132 Heavy Guage of length 3000mm with MS.Hot Dip Galvanized grill work as per approved design and drawing of chief architect using 12*25mm galvanized flat for shround frame and 20mm*20mm galvanized forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom.The work is inclusive of throughing flat,square rods,placing welding all the joints,including grinding finishing 2 coats of anticorrosive paint over one coat of metal primer.The rate is inclusive of all material like MS Hollow galvanized pipe,flat,forged square rods,cost of labour for all items of work cost painting,welding,grinding with all lead and lift as per specification including loading with cost and conveyance of all materials labour machinery and incidental charges for the successful complete of the work as per the direction engineer incharge of the work.								
		Sqm							
	Sri Madivala Machideva Park								
			1	28.30		1.95	55.19		
			1	15.80		1.95	30.81		
			1	8.00		1.95	15.60		
			1	7.00		1.95	13.65		
			1	3.60		1.95	7.02		
			1	6.80		1.95	13.26		
			1	3.70		1.95	7.22		
			1	4.00		1.95	7.80		
			1	11.80		1.95	23.01		
			1	19.80		1.95	38.61		
			1	18.70		1.95	36.47		
			1	10.50		1.95	20.48		
			1	18.70		1.95	36.47		
			1	20.00		1.95	39.00		
			1	13.10		1.95	25.55		
			1	4.70		1.95	9.17		
			1	12.80		1.95	24.96		
			1	8.00		1.95	15.60		
			1	72.80		1.95	141.96		
			1	5.70		1.95	11.12		
			1	30.00		1.95	58.50		
	Unnikrishnan Park								
			1	104.50		1.80	188.10		
	Sri Mahayogi Vemanna Park								
			1	59.00		2.65	156.35		
			1	157.90		2.65	418.44		
			1	38.00		2.65	100.70		
			1	34.70		2.65	91.96		
	Unnikrishnan Road Parallel Park								
			1	33.70		2.65	89.31		
			1	100.00		2.65	265.00		
			1	35.20		2.65	93.28		
			1	79.00		2.65	209.35		
	J.P Rajarathno Park								
			1	52.00		1.95	101.40		
			1	32.00		1.95	62.40		
			1	26.75		1.95	52.16		
			1	65.00		1.95	126.75		
						Total Quantity	**2586.60**		
						Shedule B Quantity	**2,623.45**		
						Total Executive Quantity	**2586.60**	**15,250.19**	**39446141.00**

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
26	Fabrication, providing and erecting in position **Hot dip galvanised Gate** using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in-charge of the work.								
		Sqm							
	Gate								
	Sri Madivala Machideva Park								
			1	3.50		3.00	10.50		
			1	3.00		3.00	9.00		
			1	2.80		3.00	8.40		
	Sri Mahayogi Vemanna Park								
			1	3.60		3.20	11.52		
			1	1.50		3.20	4.80		
	Unnikrishnan Road Parallel Park								
			1	3.65		3.20	11.68		
	J.P Rajarathno Park								
			1	2.65		3.00	7.95		
						Total Quantity	**63.85**		
						Shedule B Quantity	**28.80**		
						Now to be paid qty upto 125%	**36.00**	**22,246.94**	**800890.00**
						Quantity Above 125%	**27.85**	**22246.94**	**619577.00**
	Rate Analysis is Enclosed								
27	Removing & Resetting of **Cobble Stone** (Approved Rate)								
		Sqm							
	For Pathway								
	Sri Madivala Machideva Park								
			1	255.00	2.10		535.50		
	Sri Mahayogi Vemanna Park								
			1	370.00	2.00		740.00		
	J.P Rajarathno Park								
			1	150.40	2.00		300.80		
	Sardar Vallabhai Patel Park		1	54.00	2.50		135.00		
							1711.30		
						50% for missing &	**-911.67**		
						Total Quantity	**799.63**		
						Shedule B Quantity	**736.68**		
						Now to be paid qty upto 125%	**799.63**	**435.57**	**348295.00**
28	Providing and laying **heavy duty cobble stones 60mm thick interlock pavers**, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of **30Mpa as per IRC SP 63:2018 & IS 15658** over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications (KWPD 2021-22, V-II, Item No.9.31, Page No.64)								
		Sqm							
	For Pathway								

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Sri Madivala Machideva Park								
	Entrance Path Way		1	28.90	2.10		60.69		
	Road Side		1	39.40	2.05		80.77		
	Unnikrishnan Park								
			1	104.50	2.30		240.35		
	J.P Rajarathno Park								
	Road Side		1	83.40	2.00		166.80		
			1	15.35	3.50		53.73		
	Watchman shed side		1	5.70	7.30		41.61		
			1	6.20	1.90		11.78		
			1	7.60	0.95		7.22		
			1	7.60	1.35		10.26		
	Cycle track continue portion		1	15.20	17.60		267.52		
	For missing & damage, Vide qty from item no.			27.00			911.67		
						Total Quantity	1852.39		
						Shedule B Quantity	942.68		
						Now to be paid qty upto 125%	1178.34	1,245.97	1468181.00
						Quantity Above 125%	674.05	1244.72	839007.00
	Rate Analysis is Enclosed								
29	Providing & fixing on **Roof pressed clay tile (Mangalore tile)** of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete. (KWPD 2021-22, V-II, Item No.7.35, Page No.26)								
		Sqm							
	For Gazebo								
	Sri Madivala Machideva Park								
			1	10.76	4.00		43.04		
						Total Quantity	43.04		
						Shedule B Quantity	43.04		
						Total Executive Quantity	43.04	299.54	12892.00
30	**Painting Steel work** with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m^2 over an under coat of primer applied @ 0.80 ltr/10 m^2 of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.3, Page No.47)								
		Sqm							
	For Gazebo								
	Sri Madivala Machideva Park								
	Poles		6	2.30	0.55		7.59		
	Runners		6	3.20	0.15		2.88		
			6	4.00	0.30		7.20		
	Purlins		6	4.74	0.15		4.27		
			6	4.50	0.15		4.05		
			6	4.27	0.15		3.84		
			6	4.03	0.15		3.63		
			6	3.79	0.15		3.41		
			6	3.56	0.15		3.20		
			6	3.32	0.15		2.99		
			6	3.09	0.15		2.78		
			6	2.85	0.15		2.57		
			6	2.62	0.15		2.36		
			6	2.38	0.15		2.14		
			6	2.15	0.15		1.94		

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
			6	1.91	0.15		1.72		
			6	1.67	0.15		1.50		
			6	1.44	0.15		1.30		
			6	1.20	0.15		1.08		
			6	0.97	0.15		0.87		
			6	0.73	0.15		0.66		
			6	0.50	0.15		0.45		
			6	0.26	0.15		0.23		
						Total Quantity	**62.65**		
						Shedule B Quantity	**62.65**		
						Total Executive Quantity	**62.65**	**121.50**	**7612.00**
31	Providing & fixing **precast Bollards of size 150mm dia 0.90m height** made of M25 Reinforced Cement concrete it includes TMT steel, PCC 1:3:6 for fixing and cost of enamel paint and including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (Approved Rate)								
		Nos							
	For Bollards								
			198				198.00		
						Total Quantity	**198.00**		
						Shedule B Quantity	**500.00**		
						Total Executive Quantity	**198.00**	**1,812.85**	**358944.00**
32	**Executive Bench:** Made out of Sadarahally Grey Stone with hand supporters with 3 line finishing witharch Design with 100mm SLAB Height 90 x Length 150 x Width 45 Cms.								
		Nos							
	Plat farm for Benches								
	Sri Madivala Machideva Park		10				10		
	Sri Mahayogi Vemanna Park		13				13		
	Rajarathnao park		10				10		
	valmiki park		10				10		
						Total Quantity	**43**		
						Shedule B Quantity	**43**		
						Total Executive Quantity	**43**	**18,964.68**	**815481.00**
33	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3) (KPWD SR 2021-22, Volume-III, Item No.1.1 A, Page No.3) (Rs.118.00 per Cum) Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road Taking output 10 t load and lead 10 km = 100 t.km (KPWD SR 2021-22, Volume-III, Item No.1.4 A, Page No.3) (Rs.12.00 per t.km)								
		Cum							
	Vide qty from item no.	**1**					47.60		
	Vide qty from item no.2- item no. 9	**2**					157.75		
	Vide qty from item no.	**3**					912.31		
	Vide qty from item no.	**4**					960.61		
	Vide qty from item no.	**5**					219.15		
						Total Quantity	**2297.41**		
						Shedule B Quantity	**2,088.44**		
						Now to be paid qty upto 125%	**2297.41**	**149.28**	**342957.00**
34	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth (KPWD SR 2021-22, Volume-II, Item No.1.5.1, Page No.6)								
		Cum							

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	For Bus Stop								
	For column								
	plinth beam 1		3	0.80	0.80	1.20	2.30		
	plinth beam 2		2	11.80	0.60	0.60	8.50		
			3	1.45	0.60	0.60	1.57		
							12.37		
						For 4Nos	**49.46**		
						Total Quantity	**49.46**		
						Shedule B Quantity	**164.27**		
						Total Executive Quantity	**49.46**	**262.46**	**12982.00**
35	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KWPD 2021-22, V-I, Item No.2.1.3, Page No.15)								
		Cum							
	For Bus Stop								
	For column		3	0.80	0.80	0.15	0.29		
	plinth beam 1		2	11.80	0.60	0.15	2.12		
	plinth beam 2		3	1.90	0.60	0.15	0.51		
	Flooring		1	11.80	3.00	0.15	5.31		
							8.24		
						For 4Nos	**32.94**		
						Total Quantity	**32.94**		
						Shedule B Quantity	**64.53**		
						Total Executive Quantity	**32.94**	**6,234.72**	**205372.00**
36	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17)								
		Cum							
	For Bus Stop								
	For footing		3	0.80	0.80	0.45	0.86		
	Pedestral		3	0.60	0.80	0.60	0.86		
							1.73		
						For 4 Nos	**6.91**		
	For Sump		1	3.80	3.80	0.15	2.17		
	Deduction		-1	0.60	0.60	0.15	-0.05		
						Total Quantity	**9.02**		
						Shedule B Quantity	**22.09**		
						Total Executive Quantity	**9.02**	**6,929.42**	**62531.00**
37	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17)								

Description of work	Unit	Nos	Dimensions In m			Quantity	Rate In Rs.	Amount In Rs.
			L In m	B In m	D In m			
	Cum							
Not Operated								
					Total Quantity	**0.00**		
					Shedule B Quantity	**3.24**		
					Total Executive Quantity	**0.00**	**7,303.11**	**0.00**
Providing and laying in position **Reinforced cement concrete M25 Design** Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17)								
	Cum							
For Bus Stop								
Plinth Beam		2	11.80	0.45	0.20	2.12		
		3	1.95	0.45	0.20	0.53		
						2.65		
					For 4Nos	**10.60**		
For Plinth Beam(Ground Floor)								
PB1		3	8.90	0.23	0.45	2.76		
		2	12.00	0.23	0.45	2.48		
		2	2.90	0.23	0.45	0.60		
For lintel (ground Floor)								
For Short walls		1	8.90	0.15	0.15	0.20		
		2	8.90	0.20	0.15	0.53		
For Long walls		2	12.00	0.20	0.15	0.72		
		1	3.00	0.15	0.15	0.07		
For Beams (ground Floor)								
B1		1	14.85	0.20	0.45	1.34		
B2		2	8.90	0.20	0.60	2.14		
		2	3.10	0.20	0.45	0.56		
		1	2.85	0.20	0.45	0.26		
B3		1	12.00	0.20	0.45	1.08		
B4		1	8.90	0.20	0.45	0.80		
B5		1	8.90	0.20	0.45	0.80		
B6		1	8.90	0.20	0.45	0.80		
B7		1	4.30	0.20	0.45	0.39		
Stair Case Beam		1	2.85	0.20	0.45	0.26		
For Slab (ground Floor)		1	14.85	9.30	0.15	20.72		
Deduction								
For Column								
C1		-10	0.45	0.20	0.15	-0.14		
C2		-4	0.20	0.30	0.15	-0.04		
Stair Case Portion		-1	4.65	2.85	0.15	-1.99		
					Total Quantity	**44.94**		
					Shedule B Quantity	**75.51**		
					Total Executive Quantity	**44.94**	**8,746.17**	**393069.00**

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR COLUMN (GROUND FLOOR)								
		Cum							
	For Column(Ground Floor)								
	C1 (From plinth to Slab)		10	0.45	0.20	3.10	2.79		
	C2 (From plinth to Slab)		4	0.45	0.30	3.10	1.67		
	C3 (From plinth to Slab)		3	0.23	0.23	3.50	0.53		
						Total Quantity	**5.00**		
						Shedule B Quantity	**4.61**		
						Now to be paid qty upto 125%	**5.00**	**8,016.35**	**40046.00**
40	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR STAIRCASE, CHEJJA (GROUND FLOOR)								
		Cum							
	For Stair Case								
	for steps		22	1.43		0.02	0.71		
	Landing		1	2.85	1.20	0.15	0.51		
	Waist Slab		2	4.20	1.43	0.18	2.15		
	For Chajja								
	W		2	1.50	0.25	0.15	0.11		
			1	1.20	0.60	0.15	0.11		
			2	1.50	0.60	0.15	0.27		
			1	1.20	0.25	0.15	0.05		
						Total Quantity	**3.91**		
						Shedule B Quantity	**5.44**		
						Total Executive Quantity	**3.91**	**10,664.40**	**41682.00**
41	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR PLINTH BEAM, LIMTEL, ROOF BEAM & ROOF SLAB (FIRST FLOOR)								
		Cum							
	For lintel (First Floor)								
	For Short walls		2	8.90	0.20	0.15	0.53		
	For Long walls		2	12.00	0.20	0.15	0.72		

Sl No	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	For Beams (First Floor)								
	B1		1	14.85	0.20	0.45	1.34		
	B2		2	8.90	0.20	0.60	2.14		
			2	3.10	0.20	0.45	0.56		
			1	2.85	0.20	0.45	0.26		
	B3		1	12.00	0.20	0.45	1.08		
	B4		1	8.90	0.20	0.45	0.80		
	B5		1	8.90	0.20	0.45	0.80		
	B6		1	8.90	0.20	0.45	0.80		
	B7		1	4.30	0.20	0.45	0.39		
	Stair Case Beam(SB)		1	2.85	0.20	0.45	0.26		
	For Slab (First Floor)		1	14.85	9.30	0.15	20.72		
	For Tank								
	Slab		1		3.97	0.15	0.60		
	Deduction								
	For Column								
	C1		-10	0.45	0.20	0.15	-0.14		
	C2		-2	0.20	0.30	0.15	-0.02		
	Stair Case Portion		-1	4.65	2.85	0.15	-1.99		
						Total Quantity	**28.84**		
						Shedule B Quantity	**34.17**		
						Total Executive Quantity	**28.84**	**8,833.99**	**254753.00**
42	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR COLUMN (FIRST FLOOR)								
		Cum							
	For Column (First Floor)								
	C1 (From Ground Slab to First Slab)		10	0.45	0.20	3.10	2.79		
	C2 (From Ground Slab to First Slab)		4	0.45	0.30	3.10	1.67		
	C3 (From Ground Slab to First Slab)		3	0.23	0.23	3.50	0.53		
	Above First Floor (For Parapet)								
	C1		10	0.45	0.20	1.20	1.08		
	C2		4	0.45	0.30	1.20	0.65		
	C3		2	0.23	0.23	1.20	0.12		
						Total Quantity	**6.85**		
						Shedule B Quantity	**4.61**		
						Quantity upto 125%	**5.76**	**7,711.93**	**44421.00**
						Quantity Above 125%	**1.09**	**7154.42**	**7763.00**
	Rate Analysis is Enclosed								
43	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.								
		Cum							
	For Stair Case								
	for steps		22	1.43	0.02		0.71		

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Landing		1	2.85	1.20	0.15	0.51		
	Waist Slab		2	4.20	1.43	0.18	2.15		
	For Chajja								
	W		3	1.50	0.25	0.15	0.17		
			1	1.20	0.25	0.15	0.05		
			2	1.50	0.60	0.15	0.27		
						Total Quantity	3.86		
						Shedule B Quantity	5.28		
						Total Executive Quantity	3.86	10,162.89	39195.00
44	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84) GROUND FLOOR								
		Kgs							
	Ground Floor								
	For Lintl 50kg/Cum						295.23		
	For Beams 160kg/Cum						1788.49		
	For Slabs 80kg/Cum						4082.03		
	For Chejja 40kg/Cum						46.89		
	For Columns 100kg/Cum						1983.70		
	For Footings 65kg/Cum						1840.44		
	For Staircase 100kg/Cum						506.60		
	For Sump tank 100kg/Cum						1930.70		
	Plinth Beam 140kg/Cum						955.40		
							13429.47		
	For Bus Stop						2552.89		
						Total Quantity	15982.36		
						Shedule B Quantity	26978.29		
						Total Executive Quantity	15982.36	107.33	1715387.00
45	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84) FIRST FLOOR								
		Kgs							
	For Lintl 50kg/Cum						394.14		
	For Beams 160kg/Cum						1659.36		
	For Slabs 80kg/Cum						4151.15		
	For Chejja 40kg/Cum						46.89		
	For Columns 100kg/Cum						1494.14		
	For Staircase 100kg/Cum						506.60		
							8252.29		
						Total Quantity	8252.29		
						Shedule B Quantity	4,605.60		
						Quantity upto 125%	5757.00	119.04	685313.00
						Quantity Above 125%	2495.29	106.40	265506.00
46	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KWPD 2021-22, V-II, Item No.5.4, Page No.9)								
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	104.44		
						Total Executive Quantity	0.00	60,098.24	0.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
7	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.32, Page No.17)								
		Sqm							
	Grond Floor								
	For Short walls		2	8.90		3.10	55.18		
	For Long walls		2	12.00		3.10	74.40		
	Deduction								
	For Column								
	C1		-10	0.45		3.10	-13.95		
	C2		-2	0.30		3.10	-1.86		
	W		-4	1.50		1.20	-7.20		
	W1		-2	1.20		1.20	-2.88		
			-1	0.90		1.20	-1.08		
	Main Door		-1	1.50		2.10	-3.15		
						Total Quantity	**99.46**		
						Shedule B Quantity	**309.65**		
						Total Executive Quantity	**99.46**	**1,341.59**	**133435.00**
48	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.32, Page No.17) FIRST FLOOR								
		Sqm							
	Mahayogi Vemana Park Drain								
			1	61.70		0.40	24.68		
	Shoulder Drain		2	10.50		0.40	8.40		
	Madivala park		1	28.90		0.20	5.78		
	First Floor								
	For Short walls		2	8.90		3.10	55.18		
	For Long walls		2	12.00		3.10	74.40		
	W		-5	1.50		1.20	-9.00		
	W1		-1	1.20		1.20	-1.44		
			-1	0.90		1.20	-1.08		
	Main Door		-1	1.50		2.10	-3.15		
						Total Quantity	**153.77**		
						Shedule B Quantity	**178.66**		
						Total Executive Quantity	**153.77**	**1,362.08**	**209447.00**
9	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (P.No. 17, I.No. 6.33 of PWP & IWTD SR 2021-22)								
		Sqm							
	SUMP WATCHMAN SHED								
			2	3.30		2.00	13.20		
			2	3.80		2.00	15.20		
	Transformer side								
			2	4.40		1.20	10.56		
	For Building								
	Grond Floor								

	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	For Short walls		1	2.95		3.10	9.15		
			1	1.50		3.10	4.65		
	For Long walls		1	3.20		3.65	11.68		
	Near Stair Case below landing		1	2.65		1.80	4.77		
	Below Stair Case		1	4.42		1.05	4.64		
	For Compound		1	2.65		1.50	3.98		
			1	1.00		1.50	1.50		
						Total Quantity	79.32		
						Shedule B Quantity	77.70		
						Quantity upto 125%	79.32	1,192.31	94575.00
50	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (P.No. 17, I.No. 6.33 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	Foe First Floor Parapet Wall								
	For Long walls		1	8.90		1.20	10.68		
			1	12.00		1.20	14.40		
			1	9.50		1.20	11.40		
			1	3.00		1.20	3.60		
	Second Floor								
	For Toliet		2	3.40		2.50	17.00		
			1	2.90		2.50	7.25		
	For Tank		1	3.40		1.20	4.08		
			1	2.60		1.20	3.12		
	Front Portion		2	2.65		0.20	1.06		
			2	4.25		0.20	1.70		
			2	2.65		0.20	1.06		
	Deduction								
	For Column								
	C1		-10	0.45		1.20	-5.40		
	C2		-2	0.30		1.20	-0.72		
	D2		-2	0.75		2.10	-3.15		
	V		-2	0.75		0.60	-0.90		
						Total Quantity	65.18		
						Shedule B Quantity	67.20		
						Total Executive Quantity	65.18	1,201.09	78287.00
51	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.34, Page No.17)								
		Sqm							
	For Toliet		1	3.40		2.50	8.50		
			1	1.95		1.80	3.51		
	Above Stair case		1	2.40		0.75	1.80		
						Total Quantity	13.81		
						Shedule B Quantity	13.05		
						Quantity upto 125%	13.81	1,054.73	14566.00

	Description of work	Unit	Nos	Dimensions In m			Quantity	Rate In Rs.	Amount In Rs.
				L In m	B In m	D In m			
52	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.								
		Cum							
	For Column								
	C1 (From footing to Plinth)		10	0.45	0.20	1.50	1.35		
	C2 (From footing to Plinth)		4	0.45	0.30	1.50	0.81		
	C3 (From footing to Plinth)		3	0.25	0.25	1.50	0.28		
						Total Quantity	**2.44**		
						Shedule B Quantity	**2.16**		
						Quantity upto 125%	**2.44**	**6,726.48**	**16421.00**
53	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17) FOOTING								
		Cum							
	For Building								
	Footings -F1		7	1.60	1.80	0.60	12.10		
	Footings -F2		3	1.80	2.20	0.60	7.13		
	Footings -F3		4	2.10	2.10	0.60	10.58		
	Footings -F4		3	1.80	1.80	0.60	5.83		
						Total Quantity	**35.64**		
						Shedule B Quantity	**29.81**		
						Quantity upto 125%	**35.64**	**7,215.30**	**257153.00**
54	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates(P.No. 17, I.No. 2.4.3 of PWP & IWTD SR 2021-22)								
		Cum							
	For Sump								
	Wall		2	3.00	0.20	1.80	2.16		
			2	2.60	0.20	1.80	1.87		
	Bottom Raft		1	3.00	3.00	0.15	1.35		
	Top Slab		1	2.60	3.00	0.15	1.17		
						Total Quantity	**6.55**		
						Shedule B Quantity	**7.18**		
						Total Executive Quantity	**6.55**	**7,030.89**	**46066.00**

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
55	Providing 20 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.3.1, Page No.41)								
		Sqm							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	240.34	
							Total Executive Quantity	0.00	335.64	0.00
56	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) lnished with a top layer 6 mm thick cement plaster with cement mortar 1:6 (1 cement : 6 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.8, Page No.42)								
		Sqm							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	131.58	
							Total Executive Quantity	0.00	343.45	0.00
57	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41) GROUND FLOOR								
		Sqm							
	Cycle Track wall								
			1	15.00		2.05	30.75		
			1	12.70		1.93	24.45		
			1	14.20		2.05	29.11		
			1	11.55		2.16	24.95		
			1	19.70		2.18	42.85		
			1	15.00		2.30	34.50		
			1	11.90		2.15	25.59		
	SUMP WATCHMAN SHED								
			2	3.30		2.00	13.20		
			2	3.80		2.00	15.20		
	Transformer side								
			4	4.40		1.20	21.12		
	Watch man shed								
			2	7.60		2.10	31.92		
			2	3.60		2.10	15.12		
	Out side Portion		2	7.60		0.30	4.56		
			2	3.60		0.30	2.16		
	Deduction								
	W		-2	1.20		1.20	-2.88		
	D		-1	0.90		2.10	-1.89		
	D1		-1	0.75		2.10	-1.58		
	For inside Plastering								
	Ground Floor								
	For Dining Area		2	8.90		3.05	54.29		
			2	8.50		3.05	51.85		
	Kitchen		1	15.80		3.05	48.19		
	Entrance hall		1	13.60		3.05	41.48		
	For Ceiling								
	Entrance		1	2.65	4.30		11.40		

No.	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	For Dining Area		1	8.90	8.50		75.65		
	Kitchen		1	4.90	2.95		14.46		
	Entrance hall		1	3.80	3.00		11.40		
	For Beams (ground Floor)								
	B1		1	14.85		0.45	6.68		
	B2		4	8.90		0.60	21.36		
			4	3.10		0.45	5.58		
			1	2.85		0.45	1.28		
	B3		1	12.00		0.45	5.40		
	B4		1	8.90		0.45	4.01		
	B5		2	8.90		0.45	8.01		
	B6		1	8.90		0.45	4.01		
	B7		1	4.30		0.45	1.94		
	for Beam Bottom ground Floor								
	B2		2	8.90		0.20	3.56		
			2	3.10		0.20	1.24		
			2	2.85		0.20	1.14		
	B7		1	4.30		0.20	0.86		
	Stair Case Area		1	4.45		2.85	12.68		
	For sump		2	3.00		1.80	10.80		
			2	2.60		1.80	9.36		
	Deduction								
	W		-4	1.50		1.20	-7.20		
			-1	0.90		1.20	-1.08		
	W1		-2	1.20		1.20	-2.88		
	Main Entrance		-1	1.50		2.10	-3.15		
			-1	2.00		2.10	-4.20		
			-1	1.65		2.10	-3.47		
						Total Quantity	693.76		
						Shedule B Quantity	1,647.08		
						Total Executive Quantity	693.76	234.17	162458.00
58	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41) FIRST FLOOR								
		Sqm							
	First Floor								
	For inside Plastering								
	Hall		2	8.90		3.05	54.29		
			2	11.65		3.05	71.07		
	Ceiling								
	Hall		1	11.65	8.90		103.69		
	Entrance		1	2.65	4.30		11.40		
	For Beams(First Floor)								
	B1		1	14.85		0.45	6.68		
	B2		4	8.90		0.60	21.36		
			4	3.10		0.45	5.58		
			1	2.85		0.45	1.28		
	B3		1	12.00		0.45	5.40		
	B4		1	8.90		0.45	4.01		
	B5		2	8.90		0.45	8.01		
	B6		1	8.90		0.45	4.01		
	B7		1	4.30		0.45	1.94		
	for Beam Bottom (First Floor)								
	B2		2	8.90		0.20	3.56		
			2	3.10		0.20	1.24		
	B5		1	9.10		0.20	1.82		

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs
				L in m	B in m	D in m			
	B2,B1		2	2.85		0.20	1.14		
	B7		1	4.30		0.20	0.86		
	Stair Case Area		1	4.45		2.85	12.68		
	For Toliet								
			2	1.40		2.50	7.00		
			2	3.00		2.50	15.00		
			2	1.40		2.50	7.00		
			2	3.00		2.50	15.00		
	Deduction								
	W		-5	1.50		1.20	-9.00		
	W1		-1	1.20		1.20	-1.44		
			-1	0.90		1.20	-1.08		
	Main Entrance		-1	1.50		2.10	-3.15		
	Columns		-2	0.30		0.45	-0.27		
	D2		-2	0.75		2.10	-3.15		
	V		-2	0.80		0.60	-0.96		
						Total Quantity	**344.95**		
						Shedule B Quantity	**394.06**		
						Total Executive Quantity	**344.95**	**234.17**	**80776.00**
59	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(P.No. 40, I.No. 8.2.1 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	Ground Floor								
	East side		1	12.00		4.00	48.00		
	west side		1	12.00		4.00	48.00		
	South side		1	10.30		4.00	41.20		
	North Side		1	9.30		4.00	37.20		
	For Columns		3	0.90		3.65	9.86		
	Near Staircase Area		2	2.85		2.10	11.97		
	For Beam		2	2.85		0.45	2.57		
			1	4.30		0.45	1.94		
	Below Stair Case		2	4.42		1.05	9.28		
	For Compound		2	2.85		1.60	9.12		
	Above Stair Case		2	2.50		0.75	3.75		
	For Toliet Wall		2	1.95		1.80	7.02		
			2	1.00		1.50	3.00		
	For chajja								
	Top and Bottom W		4	1.50	0.25		1.50		
	side		2	2.00		0.10	0.40		
	Top and Bottom W1		2	1.20	0.60		1.44		
	side		1	2.40		0.10	0.24		
	Top and Bottom W		4	1.50	0.60		3.60		
	side		2	2.70		0.10	0.54		
	Top and Bottom W1		2	1.20	0.25		0.60		
	side		1	1.70		0.10	0.17		
	Deduction								
	W		-4	1.50		1.20	-7.20		
			-1	0.90		1.20	-1.08		
	W1		-2	1.20		1.20	-2.88		
	Main Entrance		-1	1.50		2.10	-3.15		
	V		-1	0.30		0.45	-0.14		
						Total Quantity	**226.94**		
						Shedule B Quantity	**156.70**		

Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
					Quantity upto 125%	195.22	277.10	54277.00
					Quantity Above 125%	31.07	282.95	8823.00
Rate Analysis is Enclosed								
Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge (P.No 40, Lno 8.2.1 of PWP & IWTD SR 2021-22) FIRST FLOOR								
	Sqm							
First Floor								
External Plastering								
East side		1	12.00		3.65	43.80		
west side		1	12.00		3.65	43.80		
South side		1	10.30		3.65	37.60		
North Side		1	9.30		3.65	33.95		
For Beam		2	2.85		0.45	2.57		
		1	4.30		0.45	1.94		
Stair Case Beam		1	2.85		0.45	1.28		
For chajja								
Top and Bottom W		6	1.50	0.25		2.25		
side		3	2.00		0.10	0.60		
Top and Bottom W1		2	1.20	0.60		1.44		
side		1	2.40		0.10	0.24		
Top and Bottom W		4	1.50	0.60		3.60		
side		2	2.70		0.10	0.54		
Parapet Wall								
		1	8.90		2.60	23.14		
		1	12.00		2.60	31.20		
		1	6.30		2.60	16.38		
		1	3.00		2.60	7.80		
For Tank Portion		2	2.70		2.50	13.50		
		2	3.00		2.50	15.00		
Second Floor								
For Toilet								
		2	3.00		2.50	15.00		
		1	3.30		3.65	12.05		
Deduction								
W		-5	1.50		1.20	-9.00		
W1		-1	0.90		1.20	-1.08		
		-1	1.20		1.20	-1.44		
Main Entrance		-1	1.50		2.10	-3.15		
D2		-2	0.75		2.10	-3.15		
V		-2	0.60		0.60	-0.72		
					Total Quantity	**289.12**		
					Shedule B Quantity	**262.65**		
					Quantity upto 125%	**289.12**	**282.95**	**81806.00**
Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KWPD 2021-22, V-II, Item No.8.51, Page No.50) GROUND FLOOR								
	Sqm							
Inside Plastering								
Ground Floor								
For Dining Area		2	8.90		2.15	38.27		
		2	8.50		2.15	36.55		
Kitchen		1	15.80		2.15	33.97		
Entrance hall		1	13.60		2.15	29.24		

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
For Ceiling								
Entrance		1	2.65	4.30		11.40		
For Dining Area		1	8.90	8.50		75.65		
Kitchen		1	4.90	2.95		14.46		
Entrance hall		1	3.80	3.00		11.40		
For Beams (ground Floor)								
B1		1	14.85		0.45	6.68		
B2		4	8.90		0.60	21.36		
		4	3.10		0.45	5.58		
		1	2.85		0.45	1.28		
B3		1	12.00		0.45	5.40		
B4		1	8.90		0.45	4.01		
B5		2	8.90		0.45	8.01		
B6		1	8.90		0.45	4.01		
B7		1	4.30		0.45	1.94		
for Beam Bottom ground Floor								
B2		2	8.90		0.20	3.56		
		2	3.10		0.20	1.24		
		2	2.85		0.20	1.14		
B7		1	4.30		0.20	0.86		
Stair Case Area		1	4.45		2.85	12.68		
Deduction								
W		-4	1.50		1.20	-7.20		
		-1	0.90		1.20	-1.08		
W1		-2	1.20		1.20	-2.88		
Main Entrance		-1	1.50		0.90	-1.35		
		-1	2.00		0.90	-1.80		
		-1	1.65		0.90	-1.49		
External Plastering								
Ground Floor								
East side		1	12.00		4.00	48.00		
west side		1	12.00		4.00	48.00		
South side		1	10.30		4.00	41.20		
North Side		1	9.30		4.00	37.20		
For Columns		3	0.90		3.65	9.86		
Near Staircase Area		2	2.85		2.10	11.97		
For Beam		2	2.85		0.45	2.57		
		1	4.30		0.45	1.94		
Below Stair Case		2	4.42		1.05	9.28		
For Compound		1	2.85		1.60	4.56		
Above Stair Case		2	2.50		0.75	3.75		
For Toliet Wall		1	1.95		1.80	3.51		
		2	1.00		1.60	3.20		
For chajja								
Top and Bottom W		4	1.50	0.25		1.50		
side		2	2.00		0.10	0.40		
Top and Bottom W1		2	1.20	0.60		1.44		
side		1	2.40		0.10	0.24		
Top and Bottom W		4	1.50	0.60		3.60		
side		2	2.70		0.10	0.54		
Top and Bottom W1		2	1.20	0.25		0.60		
side		1	1.70		0.10	0.17		
Deduction								
W		-4	1.50		1.20	-7.20		
		-1	0.90		1.20	-1.08		
W1		-2	1.20		1.20	-2.88		
Main Entrance		-1	1.50		2.10	-3.15		
V		-1	0.30		0.45	-0.14		

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Watch man shed(Near Cycle Track)								
	Room		2	5.60		3.00	33.60		
			2	3.60		3.00	21.60		
	celing		1	5.60		3.60	20.16		
	toilet 01		2	1.80		1.80	6.48		
			2	2.00		1.80	7.20		
	celing		1	1.80		2.00	3.60		
	toilet 01		2	1.80		1.80	6.48		
			2	2.00		1.80	7.20		
	celing		1	1.80		2.00	3.60		
	Inside Chajja		1	5.00		1.30	6.50		
	deduction D		-1	0.90		2.10	-1.89		
	D1		-2	0.75		2.10	-3.15		
	W		-2	1.20		1.20	-2.88		
	V		-2	0.60		0.30	-0.36		
						Total Quantity	640.09		
						Shedule B Quantity	2622.50		
						Total Executive Quantity	640.09	87.81	56206.00
2	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KWPD 2021-22, V-II, Item No.8.51, Page No.50) FIRST FLOOR								
		Sqm							
	First Floor								
	For inside Plastering								
	Hall		2	8.90		2.15	38.27		
			2	11.65		2.15	50.10		
							0.00		
	Ceiling								
	Hall		1	11.65	8.90		103.69		
	Entrance		1	2.65	4.30		11.40		
	For Beams(First Floor)								
	B1		1	14.85		0.45	6.68		
	B2		4	8.90		0.60	21.36		
			4	3.10		0.45	5.58		
			1	2.85		0.45	1.28		
	B3		1	12.00		0.45	5.40		
	B4		1	8.90		0.45	4.01		
	B5		2	8.90		0.45	8.01		
	B6		1	8.90		0.45	4.01		
	B7		1	4.30		0.45	1.94		
	for Beam Bottom (First Floor)								
	B2		2	8.90		0.20	3.56		
			2	3.10		0.20	1.24		
	B5		1	9.10		0.20	1.82		
	B2,B1		2	2.85		0.20	1.14		
	B7		1	4.30		0.20	0.86		
	Stair Case Area		1	4.45		2.85	12.68		
	Deduction								
	W		-5	1.50		1.20	-9.00		
	W1		-1	1.20		1.20	-1.44		
			-1	0.90		1.20	-1.08		
	Main Entrance		-1	1.50		0.90	-1.35		

	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Columns		-2	0.30		0.45	-0.27		
	First Floor								
	External Plastering								
	East side		1	12.00		3.65	43.80		
	west side		1	12.00		3.65	43.80		
	South side		1	10.30		3.65	37.60		
	North Side		1	9.30		3.65	33.95		
	For Beam		2	2.85		0.45	2.57		
			1	4.30		0.45	1.94		
	Stair Case Beam		1	2.85		0.45	1.28		
	For chajja								
	Top and Bottom W		6	1.50	0.25		2.25		
	side		3	2.00		0.10	0.60		
	Top and Bottom W1		2	1.20	0.60		1.44		
	side		1	2.40		0.10	0.24		
	Top and Bottom W		4	1.50	0.60		3.60		
	side		2	2.70		0.10	0.54		
	Parapet Wall								
			1	8.90		2.60	23.14		
			1	12.00		2.60	31.20		
			1	6.30		2.60	16.38		
			1	3.00		2.60	7.80		
	For Tank Portion		2	2.70		2.50	13.50		
			2	3.00		2.50	15.00		
	Second Floor								
	For Toilet								
			2	3.00		2.50	15.00		
			1	3.30		3.65	12.05		
	Deduction								
	W		-5	1.50		1.20	-9.00		
	W1		-1	0.90		1.20	-1.08		
			-1	1.20		1.20	-1.44		
	Main Entrance		-1	1.50		2.10	-3.15		
	DZ		-2	0.75		2.10	-3.15		
	V		-2	0.60		0.60	-0.72		
						Total Quantity	558.99		
						Shedule B Quantity	656.71		
						Total Executive Quantity	558.99	96.24	53797.00
3	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-In-charge. (P.No. 48, I.No. 8.39 of PWP & IWTD SR 2021-22) GROUND FLOOR)								
		Sqm							
	Inside Plastering								
	Ground Floor								
	For Dining Area		2	8.90		2.15	38.27		
			2	8.50		2.15	36.55		
	Kitchen		1	15.80		2.15	33.97		
	Entrance hall		1	13.60		2.15	29.24		
	For Ceiling								
	Entrance		1	2.65	4.30		11.40		
	For Dining Area		1	8.90	8.50		75.65		
	Kitchen		1	4.90	2.95		14.46		
	Entrance hall		1	3.80	3.00		11.40		

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	For Beams (ground Floor)								
	B1		1	14.85		0.45	6.68		
	B2		4	8.90		0.60	21.36		
			4	3.10		0.45	5.58		
			1	2.85		0.45	1.28		
	B3		1	12.00		0.45	5.40		
	B4		1	8.90		0.45	4.01		
	B5		2	8.90		0.45	8.01		
	B6		1	8.90		0.45	4.01		
	B7		1	4.30		0.45	1.94		
	for beam bottom ground Floor								
	B2		2	8.90		0.20	3.56		
			2	3.10		0.20	1.24		
			2	2.85		0.20	1.14		
	B7		1	4.30		0.20	0.86		
	Stair Case Area		1	4.45		2.85	12.68		
	Deduction								
	W		-4	1.50		1.20	-7.20		
			-1	0.90		1.20	-1.08		
	W1		-2	1.20		1.20	-2.88		
	Main Entrance		-1	1.50		0.90	-1.35		
			-1	2.00		0.90	-1.80		
			-1	1.65		0.90	-1.49		
	Watch man shed								
	Room		2	5.60		3.00	33.60		
			2	3.60		3.00	21.60		
	celing		1	5.60		3.60	20.16		
	toilet 01		2	1.80		1.80	6.48		
			2	2.00		1.80	7.20		
	celing		1	1.80		2.00	3.60		
	toilet 01		2	1.80		1.80	6.48		
			2	2.00		1.80	7.20		
	celing		1	1.80		2.00	3.60		
	Inside Chajja		1	5.00		1.30	6.50		
	deduction D		-1	0.90		2.10	-1.89		
	D1		-2	0.75		2.10	-3.15		
	W		-2	1.20		1.20	-2.88		
	V		-2	0.60		0.30	-0.36		
						Total Quantity	**421.02**		
						Shedule B Quantity	**1572.20**		
						Total Executive Quantity	**421.02**	**108.81**	**45811.00**
64	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (P.No. 48, I.No. 8.39 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	First Floor								
	For inside Plastering								
	Hall		2	8.90		2.15	38.27		
			2	11.65		2.15	50.10		
	Ceiling								
	Hall		1	11.65	8.90		103.69		
	Entrance		1	2.65	4.30		11.40		
	For Beams(First Floor)								

	Description of work	Unit	Nos	Dimensions In m			Quantity	Rate in Rs.	Amount in Rs.
				L In m	B In m	D In m			
	B1		1	14.85		0.45	6.68		
	B2		4	8.90		0.60	21.36		
			4	3.10		0.45	5.58		
			1	2.85		0.45	1.28		
	B3		1	12.00		0.45	5.40		
	B4		1	8.90		0.45	4.01		
	B5		2	8.90		0.45	8.01		
	B6		1	8.90		0.45	4.01		
	B7		1	4.30		0.45	1.94		
	for Beam Bottom (First Floor)								
	B2		2	8.90		0.20	3.56		
			2	3.10		0.20	1.24		
	B5		1	9.10		0.20	1.82		
	B2,B1		2	2.85		0.20	1.14		
	B7		1	4.30		0.20	0.86		
	Stair Case Area		1	4.45		2.85	12.68		
	Deduction								
	W		-5	1.50		1.20	-9.00		
	W1		-1	1.20		1.20	-1.44		
			-1	0.90		1.20	-1.08		
	Main Entrance		-1	1.50		0.90	-1.35		
	Columns		-2	0.30		0.45	-0.27		
						Total Quantity	269.87		
						Shedule B Quantity	394.06		
						Total Executive Quantity	269.87	109.87	29650.00
55	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m^2) over and including priming coat of exterior primer applied @ 2.20kg/10 m^2 to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(P.No. 45, I.No. 8.29 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	External Plastering								
	Ground Floor								
	East side		1	12.00		4.00	48.00		
	west side		1	12.00		4.00	48.00		
	South side		1	10.30		4.00	41.20		
	North Side		1	9.30		4.00	37.20		
	For Columns		3	0.90		3.65	9.86		
	Near Staircase Area		2	2.85		2.10	11.97		
	For Beam		2	2.85		0.45	2.57		
			1	4.30		0.45	1.94		
	Below Stair Case		2	4.42		1.05	9.28		
	For Compound		1	2.85		1.60	4.56		
	Above Stair Case		2	2.50		0.75	3.75		
	For Toliet Wall		1	1.95		1.80	3.51		
	For chajja								
	Top and Bottom W		4	1.50	0.25		1.50		
	side		2	2.00		0.10	0.40		
	Top and Bottom W1		2	1.20	0.60		1.44		
	side		1	2.40		0.10	0.24		
	Top and Bottom W		4	1.50	0.60		3.60		
	side		2	2.70		0.10	0.54		
	Top and Bottom W1		2	1.20	0.25		0.60		
	side		1	1.70		0.10	0.17		
	Deduction								
	W		-4	1.50		1.20	-7.20		
			-1	0.90		1.20	-1.08		

Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
			L in m	B in m	D in m			
W1		-2	1.20		1.20	-2.88		
Main Entrance		-1	1.50		2.10	-3.15		
V		-1	0.30		0.45	-0.14		
Watch man shed								
		2	7.60		4.00	60.80		
		2	3.60		4.00	28.80		
Front chejja		1	7.60		1.30	9.88		
		1	1.50		1.30	1.95		
deduction D		-1	0.90		2.10	-1.89		
D1		-1	0.75		2.10	-1.58		
W		-2	1.20		1.20	-2.88		
V		-1	0.60		0.30	-0.18		
					Total Quantity	310.78		
					Shedule B Quantity	156.70		
					Quantity upto 125%	195.88	238.83	46781.00
					Quantity Above 125%	114.90	238.18	27367.00
Rate Analysis is Enclosed								
Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m^2) over and including priming coat of exterior primer applied @ 2.20kg/10 m^2 to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(P.No. 45, I.No. 8.29 of PWP & IWTD SR 2021-22) FIRST FLOOR								
	Sqm							
For External Plastering								
External Plastering								
East side		1	12.00		3.65	43.80		
west side		1	12.00		3.65	43.80		
South side		1	10.30		3.65	37.60		
North Side		1	9.30		3.65	33.95		
For Beam		2	2.85		0.45	2.57		
		1	4.30		0.45	1.94		
Stair Case Beam		1	2.85		0.45	1.28		
For chajja								
Top and Bottom W		6	1.50	0.25		2.25		
side		3	2.00		0.10	0.60		
Top and Bottom W1		2	1.20	0.60		1.44		
side		1	2.40		0.10	0.24		
Top and Bottom W		4	1.50	0.60		3.60		
side		2	2.70		0.10	0.54		
Parapet Wall								
		1	8.90		2.60	23.14		
		1	12.00		2.60	31.20		
		1	6.30		2.60	16.38		
		1	3.00		2.60	7.80		
For Tank Portion		2	2.70		2.50	13.50		
		2	3.00		2.50	15.00		
Second Floor								
For Toliet								
		2	3.00		2.50	15.00		
		1	3.30		3.65	12.05		
Deduction								
W		-5	1.50		1.20	-9.00		
W1		-1	0.90		1.20	-1.08		
		-1	1.20		1.20	-1.44		
Main Entrance		-1	1.50		2.10	-3.15		
D2		-2	0.75		2.10	-3.15		
V		-2	0.60		0.60	-0.72		
					Total Quantity	289.12		

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
						Shedule B Quantity	262.65		
						Quantity upto 125%	289.12	240.20	69446.00
7	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m^2 over and including priming coat of exterior primer applied @ 2.20 kg/10 m^2) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.30, Page No.46)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	240.34		
						Total Executive Quantity	0.00	155.14	0.00
58	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 ltr/10 m^2 over and including one coat of Special primer applied @ 0.75 ltr /10 m^2 with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.1, Page No.46)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	206.46		
						Total Executive Quantity	0.00	135.62	0.00
59	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.1, Page No.132)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	95.12		
						Total Executive Quantity	0.00	853.74	0.00
70	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. TERRACE FLOOR								
		Sqm							
	For Building								
	TERRACE FLOOR		1	14.85	9.50		141.08		
	Watch man shed		1	7.60	3.60		27.36		
	Deduction								
	Stair Case Portion		-1	4.65	2.85		-13.25		
						Total Quantity	155.18		

	Description of work	Unit	Nos	Dimensions in m L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
						Shedule B Quantity	140.00		
						Quantity upto 125%	155.18	868.37	134756.00
	Providing and laying of 1.5 mm thick SBS modified self adhesive single stick waterproofing membrane, with minimum elongation of 300% and puncture resistance of >200 N (as per ASTM E154), with an overlap of 100mm on the side and 100mm in vertical lapping over a coat bituminuos primer @ 0.25 l/m2,complete including surface preparation as per the methodology and site condition & placing the dimple board over the SBS membrane. The cost is inclusive of surface preparation, crack filling, repair of loose mortar etc, completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.3, Page No.133)								
		Sqm							
	Not Operated						Total Quantity	0.00	
							Shedule B Quantity	3.60	
							Total Executive Quantity	0.00	678.11	0.00
2	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete, Fixed to openings /wooden frames with rawl plugs screws etc. (KWPD 2021-22, V-II, Item No.11.348, Page No.84)								
		Kg							
	Watch man shed								
	W		2	1.20		1.20	2.88		
	For Building								
	Ground Floor								
	W		4	1.50		1.20	7.20		
			1	0.90		1.20	1.08		
	W1		2	1.20		1.20	2.88		
	First floor								
	W		5	1.50		1.20	9.00		
	W1		1	1.20		1.20	1.44		
			1	0.90		1.20	1.08		
	Ground Floor								
	Compound wall		1	2.65		0.60	1.59		
			1	2.40		0.60	1.44		
	1st Flight		1	4.10		1.00	4.10		
			1	1.80		1.00	1.80		
	landing		1	5.05		1.00	5.05		
	2nd Flight		2	4.10		1.00	8.20		
	Front Portion		1	2.65		1.00	2.65		
			1	4.25		1.00	4.25		
	First Floor								
	1st Flight		2	4.10		1.00	8.20		
	landing		1	5.05		1.00	5.05		
	2nd Flight		2	4.10		1.00	8.20		
	Front Portion		1	2.85		1.00	2.85		
			1	4.25		1.00	4.25		
			1	1.45		1.00	1.45		
							84.64		
						25 Kg/sqm	2116.00		
							Total Quantity	2116.00		
							Shedule B Quantity	181.44		
							Quantity upto 125%	226.80	160.84	36479.00
							Quantity Above 125%	1889.20	179.78	339642.00
	Rate Analysis is Enclosed									

No.	Description of work	Unit	Nos	Dimenstions in m L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
73	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mmheight with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm.Maximum possible size – 1219mm x 1219mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)(KWPD 2021-22, V-II, Item No.11.34B, Page No.84)								
		Sqm							
	Not Operated								
							Total Quantity	**0.00**	
							Shedule B Quantity	**8.64**	
							Total Executive Quantity	**0.00**	**4,715.56**	**0.00**
74	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (P.No. 111, I.No. 12.89 of PWP & IWTD SR 2021-22)								
		Sqm							
	Ground Floor								
	Windows-W		4	1.50		1.20	7.20		
			1	0.90		1.20	1.08		
	Windows-W1		2	1.20		1.20	2.88		
							Total Quantity	**11.16**	
							Shedule B Quantity	**18.00**	
							Total Executive Quantity	**11.16**	**7,705.10**	**85989.00**
75	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (P.No. 111, I.No. 12.89 of PWP & IWTD SR 2021-22) FIRST FLOOR								
	First Floor								
	Windows-W		5	1.50		1.20	9.00		
			1	0.90		1.20	1.08		
	Windows-W1		1	1.20		1.20	1.44		
							Total Quantity	**11.52**	
							Shedule B Quantity	**18.00**	
							Total Executive Quantity	**11.52**	**7,782.18**	**89651.00**

No.	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
76	Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame.Flat surfaces (P.No. 133, I.No. 15.1 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	67.50	
							Total Executive Quantity	0.00	1,089.86	0.00
77	Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame.Flat surfaces (P.No. 133, I.No. 15.1 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	86.85	
							Total Executive Quantity	0.00	1,100.59	0.00
78	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titan um Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KWPD 2021-22, V-II, Item No.12.85, Page No.110)								
		Sqm							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	0.90	
							Total Executive Quantity	0.00	5,581.98	0.00
79	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titan um Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KWPD 2021-22, V-II, Item No.12.85, Page No.110) FIRST FLOOR								
		Sqm							
	Ventilator (V)		2	0.80		0.60	0.96		
			1	0.45		0.30	0.14		
							Total Quantity	1.10	
							Shedule B Quantity	1.08	
							Quantity upto 125%	1.10	5,638.07	6174.00
80	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross- section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom tn steady the frame (KWPD 2021-22, V-II, Item No.12.98)								
		Mtr							
	Not Operated								
							Total Quantity	0.00	

	Description of work	Unit	Nos	Dimensions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
						Shedule B Quantity	11.40		
						Total Executive Quantity	0.00	722.99	0.00
1	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside as required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames. (KWPD 2021-22, V-II, Item No.12.99.1)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	3.15		
						Total Executive Quantity	0.00	3,576.92	0.00
82	Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. (KWPD 2021-22, V-II, Item No.12.12, Page No.100)								
		Cum							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	0.12		
						Total Executive Quantity	0.00	26,263.11	0.00
83	Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (KWPD 2021-22, V-II, Item No.12.15, Page No.100)								
		Cum							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	3.78		
						Total Executive Quantity	0.00	5,221.95	0.00
84	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m^2 over an under coat of primer applied @0.75 ltr/10 m^2 of approved brand and manufacture to give an even shade including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.2, Page No.46)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	7.56		
						Total Executive Quantity	0.00	120.01	0.00
85	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m^2 over an under coat of primer applied @ 0.80 ltr/10 m^2 of approved brand and manufacture including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.3, Page No.47)								
		Sqm							
	Watch man shed								
	W		2	1.20		1.20	2.88		
	For Building								
	Ground Floor								
	W		4	1.50		1.20	7.20		
			1	0.90		1.20	1.08		
	W1		2	1.20		1.20	2.88		
	First floor								

No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	W		5	1.50		1.20	9.00		
	W1		1	1.20		1.20	1.44		
			1	0.90		1.20	1.08		
	Ground Floor								
	Compound wall		1	2.65		0.60	1.59		
			1	2.40		0.60	1.44		
	1st Flight		1	4.10		1.00	4.10		
			1	1.80		1.00	1.80		
	landing		1	5.05		1.00	5.05		
	2nd Flight		2	4.10		1.00	8.20		
	Front Portion		1	2.65		1.00	2.65		
			1	4.25		1.00	4.25		
	First Floor								
	1st Flight		2	4.10		1.00	8.20		
	landing		1	5.05		1.00	5.05		
	2nd Flight		2	4.10		1.00	8.20		
	Front Portion		1	2.85		1.00	2.85		
			1	4.25		1.00	4.25		
			1	1.45		1.00	1.45		
						Total Quantity	84.64		
						Shedule B Quantity	17.28		
						Quantity upto 125%	21.60	120.99	2613.00
						Quantity Above 125%	63.04	121.38	7652.00
	Rate Analysis is Enclosed								
86	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.(P.No. 60, I.No. 9.12.1, V-2 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	17.37		
						Total Executive Quantity	0.00	1,137.67	0.00
87	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.(P.No. 60, I.No. 9.12.1, V-2 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	For Toliet Flooring								
			2	3.00	1.40		8.40		
						Total Quantity	8.40		
						Shedule B Quantity	5.04		
						Quantity upto 125%	6.30	1,145.47	7216.00
						Quantity Above 125%	2.10	1170.43	2458.00
	Rate Analysis is Enclosed								
88	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2021-22) GROUND FLOOR								

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
		Sqm							
	Not Operate								
						Total Quantity	0.00		
						Shedule B Quantity	134.40		
						Total Executive Quantity	0.00	1,152.30	0.00
	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	Toliet 1		2	1.40		2.50	7.00		
			2	3.00		2.50	15.00		
	Toliet 2								
			2	1.40		2.50	7.00		
			2	3.00		2.50	15.00		
	D2		-2	0.75		2.10	-3.15		
	V		-2	0.80		0.60	-0.96		
						Total Quantity	39.89		
						Shedule B Quantity	26.79		
						Quantity upto 125%	33.49	1,173.77	39307.00
						Quantity Above 125%	6.40	1187.78	7605.00
	Rate Analysis is Enclosed								
90	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.								
		Sqm							
	For Flooring								
		4.00	1	11.80	3.00		141.60		
	Skriting		2	11.80	0.30		7.08		
			6	3.00	0.30		5.40		
	GROUND FLOOR								
	For Dining Area		1	8.90	8.50		75.65		
	Kitchen		1	4.90	2.95		14.46		
	Entrance hall		1	3.80	3.00		11.40		
	Entrance Portion		1	4.70	2.85		13.40		
	Below Stair Case Portion		1	3.45	2.85		9.83		
			1	2.45		0.15	0.37		
			2	4.45		0.15	1.34		
	for Columns		2	0.92		2.10	3.86		
						Total Quantity	284.38		
						Shedule B Quantity	356.01		
						Total Executive Quantity	284.38	3,092.97	879576.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (P.No. 63, I.No. 9.23 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	First Floor		1	11.65	8.90		103.69		
	HALL		1	4.70	2.85		13.40		
	Entrance Portion		2	0.92		2.10	3.86		
	for Columns		2	1.50		2.40	7.20		
			4	2.10		0.10	0.84		
	For Stage Step		1	4.30		0.20	0.86		
			2	0.20		0.10	0.04		
						Total Quantity	129.88		
						Shedule B Quantity	119.10		
						Quantity upto 125%	129.88	3,250.06	422131.00
92	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (KWPD 2021-22, V-II, Item No.11.25.2, Page No.82)								
		KG's							
	Bus Shelter								
	5Kgs/Sft (53.90Kgs/sqm) for Bus Shelter Including Columns & Truss Work		1	11.80	5.25	53.90	3339.11		
							3339.11		
						For 4 Nos	13356.42		
						Total Quantity	13356.42		
						Shedule B Quantity	16978.50		
						Total Executive Quantity	13356.42	126.84	1694128.00
93	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete (KWPD 2021-22, V-II, Item No.10.15.1, Page No.71)								
		Sqm							
	Bus Shelter								
			2	11.80		5.50	129.80		
	Drop Cladding		2	11.80		1.20	28.32		
							158.12		
						For 4Nos	632.48		
						Total Quantity	632.48		
						Shedule B Quantity	790.60		
						Total Executive Quantity	632.48	4229.66	2675175.00

	Description of work	Unit	Nos	Dimenstions in m L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
94	Providing and fixing **stainless steel (Grade 304) railing** made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in-charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.(KWPD 2021-22, V-II, Item No.11.28, Page No.83)								
		Kgs							
	Bus Shelter								
			1	11.80		0.90	10.62		
							10.62		
					15kgs per Sqm		159.30		
						For 4 Nos	637.20		
						Total Quantity	637.20		
						Shedule B Quantity	796.50		
						Total Executive Quantity	637.20	572.74	364950.00
95	Providing and fixing 18 mm thick gang saw cut granite of any color and shade, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch up, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.								
		Sqm							
	GROUND FLOOR								
	For Dining Area		2	8.90		0.90	16.02		
			2	8.50		0.90	15.3		
	Kitchen		2	4.90		0.90	8.82		
			2	2.95		0.90	5.31		
	Entrance hall		2	3.80		0.90	6.84		
			2	3.10		0.90	5.58		
	First Floor								
	Hall		2	11.65		0.90	20.97		
			2	8.90		0.90	16.02		
	Deduction								
	Main Door		-2	1.50		0.90	-2.7		
	Door		-1	1.65		0.90	-1.49		
			-1	2.00		0.90	-1.8		
						Total Quantity	88.88		
						Shedule B Quantity	54.23		
						Quantity upto 125%	67.78	3,900.85	264404.00
						Quantity Above 125%	21.09	3983.16	84020.00
	Rate Analysis is Enclosed								
96	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.(P.No. 64, I.No. 9.30 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	Ground floor to First floor								
	Raisers		23	1.43		0.15	4.92		
	Threads		22	1.43	0.30		9.405		
	Landing		1	2.85	1.20		3.42		
						Total Quantity	17.74		
						Shedule B Quantity	18.00		
						Total Executive Quantity	17.74	2,688.05	47689.00

No.	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
97	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications.(P.No. 64, I.No. 9.30 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	First Floor to Terrace floor								
	Raisers		23	1.43		0.15	4.92		
	Threads		22	1.43	0.30		9.405		
	Landing		1	2.85	1.20		3.42		
						Total Quantity	17.74		
						Shedule B Quantity	29.70		
						Total Executive Quantity	17.74	5,158.53	91519.00
98	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., Complete. Size of Tile 500x500 mm (KWPD 2021-22, V-II, Item No.9.12.1, Page No.60)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	76.32		
						Total Executive Quantity	0.00	1,135.71	0.00
99	Providing and laying Ceramic glazed floor tiles of size 300x300 mm (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in all colours, shades, except White, Ivory, Grey, Fume Red Brown, laid on 20 mm thick bed of cement mortar 1:4 (1 Cement : 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including pointing the joints with white cement and matching pigments etc., complete. (KWPD 2021-22, V-II, Item No.9.11, Page No.60)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	3.60		
						Total Executive Quantity	0.00	854.71	0.00
100	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer- in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per m2, including pointing in white cement mixed with pigment of matching shade complete. (KWPD 2021-22, V-II, Item No.10.14, Page No.71)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	19.53		
						Total Executive Quantity	0.00	1,081.08	0.00
101	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (P.No. 105, I.No. 12.54 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	1.89		
						Total Executive Quantity	0.00	544.44	0.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. (P.No. 105, I.No. 12.54 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	For Toilets		2	0.75		2.10	3.15		
			1	0.75		1.80	1.35		
						Total Quantity	**4.50**		
						Shedule B Quantity	**3.78**		
						Quantity upto 125%	**4.50**	**549.32**	**2472.00**
3	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 No's of 75mm Aluminium hinges -do- with both side prelam.(P.No. 106, I.No. 12.55.1 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	Not Operated								
						Total Quantity	**0.00**		
						Shedule B Quantity	**1.58**		
						Total Executive Quantity	**0.00**	**4,358.45**	**0.00**
04	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 No's of 75mm Aluminium hinges -do- with both side prelam.(P.No. 106, I.No. 12.55.1 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	For Toilets		2	0.75		2.10	3.15		
			1	0.75		1.80	1.35		
						Total Quantity	**4.50**		
						Shedule B Quantity	**3.15**		
						Quantity upto 125%	**3.94**	**4,402.36**	**17334.00**
						Quantity Above 125%	**0.56**	**4398.36**	**2474.00**
	Rate Analysis is Enclosed								
05	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(P.No. 99, I.No. 12.11 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Cum							
	MD		2	1.50	0.23	0.10	0.07		
			2	0.08	0.23	2.10	0.07		
						Total Quantity	**0.14**		
						Shedule B Quantity	**0.44**		
						Total Executive Quantity	**0.14**	**1,03,612.51**	**14656.00**

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.(P.No. 99, I.No. 12.11 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Cum							
	MD		2	1.50	0.23	0.10	0.07		
			2	0.08	0.23	2.10	0.07		
						Total Quantity	0.14		
						Shedule B Quantity	0.27		
						Total Executive Quantity	0.14	1,04,399.90	14767.00
7	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)(P.No. 100, I.No. 12.15 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Sqm							
	MD		1	1.50		2.10	3.15		
						Total Quantity	3.15		
						Shedule B Quantity	27.72		
						Total Executive Quantity	3.15	5,815.17	18318.00
)8	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures)(P.No. 100, I.No. 12.15 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Sqm							
	MD		1	1.50		2.10	3.15		
						Total Quantity	3.15		
						Shedule B Quantity	20.16		
						Total Executive Quantity	3.15	5,873.71	18502.00
)9	Providing and fixing ISI marked M.S. pressed butt **hinges** bright finished with necessary screws etc. (P.No. 107, I.No. 12.68.1 of PWP & IWTD SR 2021-22) Ground Floor								
		Each							
	Ground Floor		12				12.00		
						Total Quantity	12.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	12.00	42.93	515.00
10	Providing and fixing ISI marked M.S. pressed butt **hinges** bright finished with necessary screws etc. (P.No. 107, I.No. 12.68.1 of PWP & IWTD SR 2021-22) First Floor								
		Each							
	First Floor		18				18.00		
						Total Quantity	18.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	18.00	43.91	790.00
11	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. (P.No. 107, I.No. 12.60 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Each							
	First Floor		3				3.00		
						Total Quantity	3.00		
						Shedule B Quantity	6.00		
						Total Executive Quantity	3.00	953.26	2860.00
12	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. (P.No. 107, I.No. 12.60 of PWP & IWTD SR 2021-22) First Floor								
		Each							

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	First Floor		6				6.00		
						Total Quantity	6.00		
						Shedule B Quantity	6.00		
						Total Executive Quantity	6.00	963.02	5778.00
	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete (P.No. 107, I.No. 12.63 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Each							
	First Floor		5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	126.84	634.00
4	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete (P.No. 107, I.No. 12.63 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Each							
	Ground Floor		5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	127.82	639.00
15	Providing and laying heavy duty cobble sTonnes 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.(P.No. 64, I.No.9.32 of PWP & IWTD SR 2021-22)								
		Sqm							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	22.00		
						Total Executive Quantity	0.00	1,312.32	0.00
16	Earth work excavation for pipeline trenches in all kinds of soils bymechanical means above 600 mm trench width as per drawing andtechnical specifications, including setting out, construction of shoring,strutting, barricading, caution lights, bracing, using sight rails & boningrods at every 100 mm whevere necessary as directed, removal ofstumps and other deleterious matter, dressing of sides and levellingthe bottom of trench to the extent required , utilising the availableexcavated earth locally for the work etc., and all other appurtenancescomplete in the following strata. (P.No. 10, I.No. 1.17.1 of PWP & IWTD SR 2018-19)								
		Cum							
	For Stoneware pipes		1	25.00	0.60	0.90	13.50		
	For Inspection chambers		2	0.80	0.80	1.00	1.28		
						Total Quantity	14.78		
						Shedule B Quantity	14.78		
						Total Executive Quantity	14.78	221.48	3273.00
117	Concealed Conduit System: Supplying .... Mm dia 2mm2.5mm Thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc... and running before concreting th eslab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be convered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary (P.No. 1, I.No. 1.2 of PWD Ele SR 2021-22)								
		M							
	1.2.1) 19/20mm dia 2mm thick		1	75.00			75.00		
						Total Quantity	75.00		
						Shedule B Quantity	75.00		
						Total Executive Quantity	75.00	63.42	4757.00
118	1.2.2) 25mm dia 2mm thick								

No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	72.20	3610.00
19	1.2.3) 32mm dia 2.5mm thick								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	96.59	4830.00
20	57.05) PVC pipe-50mm dia (P.No. 21, Sl.No. 448 of BESCOM SR 2021-22)								
		M							
			1	300.00			300.00		
						Total Quantity	300.00		
						Shedule B Quantity	300.00		
						Total Executive Quantity	300.00	53.66	16098.00
21	57.07) PVC pipe-75mm dia (P.No. 21, Sl.No. 450 of BESCOM SR 2021-22)								
		M							
			1	75.00			75.00		
						Total Quantity	75.00		
						Shedule B Quantity	75.00		
						Total Executive Quantity	75.00	82.93	6220.00
22	57.07) PVC pipe-100mm dia (P.No. 20, Sl.No. 452,of BESCOM SR 2021-22)								
		M							
			1	75.00			75.00		
						Total Quantity	75.00		
						Shedule B Quantity	75.00		
						Total Executive Quantity	75.00	132.70	9953.00
123	Supplying heavy gauge PVC Conduit Pipe .... dia ..... mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering upto the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (P.No. 1, I.No. 1.3 of PWD Ele SR 2021-22)								
		M							
			1	75.00			75.00		
						Total Quantity	75.00		
						Shedule B Quantity	75.00		
						Total Executive Quantity	75.00	78.06	5855.00
124	1.3.2) 25 mm dia 2 mm thick								
		M							
			1	75.00			75.00		
						Total Quantity	75.00		
						Shedule B Quantity	75.00		
						Total Executive Quantity	75.00	82.93	6220.00
125	1.3.3) 32 mm dia 2.5 mm thick								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	109.28	5464.00
26	1.3.4) 40 mm dia 2.5 mm thick								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	123.91	6196.00

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
127	Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws. (ELE SR 2021-22 Page-1, Item-1.1.2)								
		M							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	100.00	
							Total Executive Quantity	0.00	82.93	0.00
128	Supplying..... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures. run with 18SWG GI fish wire wherever necessary. (ELE SR 2021-22 Page-1, Item-1.2.2)								
		M							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	100.00	
							Total Executive Quantity	0.00	72.20	0.00
129	Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out conduit wherever necessary. (ELE SR 2021-22 Page-1, Item-1.3.2)								
		M							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	100.00	
							Total Executive Quantity	0.00	83.91	0.00
130	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for cable/conduit entry as required with one coat of approved make etc.(ELE SR 2021-22 Page-1, Item-1.4)								
		Each							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	20.00	
							Total Executive Quantity	0.00	135.62	0.00
131	d)180x90x65mm								
		Each							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	20.00	
							Total Executive Quantity	0.00	160.99	0.00
132	e)200x90x65mm								
		Each							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	20.00	
							Total Executive Quantity	0.00	175.63	0.00
133	Supplying and fixing PVC/metal conduit accessories.(3/5) (ELE SR 2021-22 Page-1, Item-1.5)								
		Each							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	10.00	
							Total Executive Quantity	0.00	53.66	0.00
134	c) 32mm deep junction box								
	Not Operated								

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
						Total Quantity	0.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	0.00	73.18	0.00
135	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, necessary masonry patch work cpmplete.(ELE SR 2021-22 Page-2, Item-1.6)								
		M							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	0.00	116.11	0.00
136	b)12"x9"x3" (300x228x76)								
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	0.00	109.28	0.00
137	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. compelete for Each outlet. (ELE SR 2021-22 Page-2, Item-2.1)								
		Each							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	0.00	286.86	0.00
138	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point)								
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	0.00	401.99	0.00
139	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for Each outlet. (ELE SR 2021-22 Page-3, Item-2.2)								
		No's							
			25				25		
						Total Quantity	25		
						Shedule B Quantity	25		
						Total Executive Quantity	25	261.49	6537.00
140	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box								
		No's							
			25				25.00		
						Total Quantity	25.00		
						Shedule B Quantity	25.00		
						Total Executive Quantity	25.00	375.64	9391.00
141	2.2.3)Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box								
		No's							
			3				3.00		
						Total Quantity	3.00		
						Shedule B Quantity	3.00		
						Total Executive Quantity	3.00	563.95	1692.00
142	2.2.4)Two outlet in a row,above 3Mtr upto 6Mtr from tapping point to out let via switches								
		No's							
			5				5.00		
						Total Quantity	5.00		

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	698.60	3493.00
143	2.2.5)Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box								
		No's							
			5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	1,019.61	5098.00
144	Suppling and fixing PVC/metal conduit deep juction boxes (P.No. 3, I.No. 1.5 of PWD Ele SR 2021-22)								
		No's							
			10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	10.00	50.74	507.00
145	1.5.2) 25mm deep juction box								
		No's							
			10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	10.00	52.69	527.00
146	1.5.3) 32mm deep juction box								
		No's							
			10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	10.00	71.23	712.00
147	1.12)Suplay and fixing Metal Fan Box with Round Hook								
		No's							
			15				15.00		
						Total Quantity	15.00		
						Shedule B Quantity	15.00		
						Total Executive Quantity	15.00	169.77	2547.00
148	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates.The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall (P.No. 9, I.No. 3.4 of PWD Ele SR 2021-22)								
		No's							
			6				6.00		
						Total Quantity	6.00		
						Shedule B Quantity	6.00		
						Total Executive Quantity	6.00	127.82	767.00
149	3.4.2) 4-5Way								
		No's							
			5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	143.43	717.00
150	3.4.3) 6 Way								
		No's							
			5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	220.51	1103.00
151	3.4.4) 8Way								
		No's							
			2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	260.51	521.00

Sl No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
152	3.4.5) 10-12Way								
		No's							
			3				3.00		
						Total Quantity	3.00		
						Shedule B Quantity	3.00		
						Total Executive Quantity	3.00	338.57	1016.00
153	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required No's. of machine screws, bolts nuts etc., complete on the existing metal/PVC box. (ELE SR 2021-22 Page-5, Item-3.5.3)								
		Each							
			20				20.00		
						Total Quantity	20.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	20.00	253.68	5074.00
154	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate..(ELE SR 2021-22 Page-5, Item-3.6)								
		Each							
			68				68.00		
						Total Quantity	68.00		
						Shedule B Quantity	68.00		
						Total Executive Quantity	68.00	91.72	6237.00
155	3.6.2) 6A mps Two way								
		Each							
			15				15.00		
						Total Quantity	15.00		
						Shedule B Quantity	15.00		
						Total Executive Quantity	15.00	158.06	2371.00
156	3.6.4) Stepped fan regulator.								
		Each							
			15				15.00		
						Total Quantity	15.00		
						Shedule B Quantity	15.00		
						Total Executive Quantity	15.00	325.88	4888.00
157	i) 32Amps DP switch								
		Each							
			8				8.00		
						Total Quantity	8.00		
						Shedule B Quantity	8.00		
						Total Executive Quantity	8.00	390.28	3122.00
158	j) 6/16Amps universal socket								
		Each							
			15				15.00		
						Total Quantity	15.00		
						Shedule B Quantity	15.00		
						Total Executive Quantity	15.00	258.56	3878.00
159	3.6.11) 6/16Amps univeral socket								
		Each							
			5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	258.56	1293.00
160	Supplying and fixing superior gality modular switch mounting polycorbonate plate with neceaary supporting back plate with rquired No's. of machine screwes, bolts nuts etc., complete on the existing metal/PVC box..(P.No. 10, I.No. 3.6 of PWD Ele SR 2021-22)								
		Each							
			10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		

No	Description of work	Unit	Nos	Dimensions in m L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
						Total Executive Quantity	10.00	158.06	1581.00
61	3.5.2) 4 Module								
		Each	10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	10.00	181.48	1815.00
62	3.5.3) 6 Module								
		Each	10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	10.00	253.68	2537.00
63	3.5.4) 8 Module								
		Each	4				4.00		
						Total Quantity	4.00		
						Shedule B Quantity	4.00		
						Total Executive Quantity	4.00	314.18	1257.00
64	3.5.5) 10-12 Module								
		Each	5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	377.60	1888.00
165	Supplying and fixing regular MCB distribution boards on wall/ woodboard /flush mounting required clamps,bolts,nuts etc., with provision for fixing suitable type capacity MCB's single phase /3 phase /single door with powder coated painting etc., complete (P.No. 27, Llo. 5.18 of PWD Ele SR 2021-22)								
		Each	1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	1,766.02	1766.00
166	5.18.8) 12Way SP & N								
		Each	1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	2,153.37	2153.00
167	5.18.9) 4Way TP & N								
		Each	1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	3,180.78	3181.00
168	5.18.10) 6Way TP & N								
		Each	1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	3,644.24	3644.00
169	Supplying and fixing and wiring Earth Leakage Miniature Circuit Breaker [ELCB] 240/450V up 30mA sensitivity on existing wood/panel board. (P.No. 28, Llo. 5.19 of PWD Ele SR 2021-22)								
		Each	2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	5,033.64	10067.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	5.19.3)32-40 Amps 4 Pole								
		Each							
			2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	4,563.35	9127.00
171	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 Mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia (P.No.40, I.No. 6.1 of PWD Ele SR 2021-22)								
		Each							
			1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	3,125.17	3125.00
172	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 Mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts. (P.No.40, I.No. 6.2 of PWD Ele SR 2021-22)								
		Each							
			1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	4,324.30	4324.00
173	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. (P.No. 55, I.No. 7.3 of PWD Ele SR 2021-22)								
		Each							
			40				40.00		
						Total Quantity	40.00		
						Shedule B Quantity	40.00		
						Total Executive Quantity	40.00	122.94	4918.00
174	Copper strip ((7.3.6)25x3mm)								
		Each							
			25				25.00		
						Total Quantity	25.00		
						Shedule B Quantity	25.00		
						Total Executive Quantity	25.00	544.44	13611.00
175	Copper strip ((7.22.6)8SWG copper wire)								
		Each							
			15				15.00		
						Total Quantity	15.00		
						Shedule B Quantity	15.00		
						Total Executive Quantity	15.00	112.21	1683.00
176	Supplying of 2 feet LED PVC square batten with high quality diffuser with ife of 25000 burninng hours & 70% lumen maintance with CRI>80. power input :220-240V @ 50 hz & power factor >.9 along with CE approved drivers. 5 years warranty (P.No. 34, I.No. 11.3 of PWD Ele SR 2021-22)								
		Each							
			6				6.00		
						Total Quantity	6.00		
						Shedule B Quantity	6.00		
						Total Executive Quantity	6.00	770.80	4625.00

No	Description of work	Unit	Nos	Dimenstions In m			Quantity	Rate In Rs.	Amount In Rs.
				L In m	B In m	D In m			
7	Supplying of recess mounting non integrated type LED down light 15-18W luminaire comprising of pressure decast/ extruded aluminium housing, with spring loaded false ceiling clA, LED of Power/COB with CCT 6500 degree K, CRI> 70%, efficacy >100 lumen per W, 120degree beam spread, life> 25000 burning hours and Compliance to IS10322/IEC 60598, LM 79 & LM 80. The lamp compartment is enclosed with anti glare opal diffuser which enhances the lighting level. LED's are driven by HF electronic driver integrated in a separate control gear assembly., with PF > 0.95, power loss should< 5% of lamp Wage, short circuit & open circuit protection to be integrated in the circuit, THD less than 20%. Life as per LM 79. The operating input voltage should be between 130 to 275 V. BIS Approved and Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. (P.No. 34, I.No. 11.4 of PWD Ele SR 2021-22)								
		Each							
	Not Operated								
							Total Quantity	0.00	
							Shedule B Quantity	30.00	
							Total Executive Quantity	0.00	0.00
8	Fixing all types and all capacities of fluorescent / fales ceiling /spot light /CFL / LED fittings Indoor on the wall /ceiling / refters / girders using 23/0.0076" twin twisted PVC insulated wires, required No's of round blocks and clamps .(P.No. 34, I.No. 13.7 of PWD Ele SR 2021-22)							2,265.58	
		Each							
			36				36.00		
							Total Quantity	36.00	
							Shedule B Quantity	36.00	
							Total Executive Quantity	36.00	123.91
9	Supplying exhaust fan of 1440 RPM of 300 mm (12") size with bracket blades complete for light duty suitable for operate of 230V 50Hz, AC Supply. (P.No. 22, I.No. 6.1 of PWD Ele SR 2021-22)							4461.00	
		Each							
			6				6.00		
							Total Quantity	6.00	
							Shedule B Quantity	6.00	
							Total Executive Quantity	6.00	1,606.00
0	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge. (P.No. 128, I.No. 14.31 of PWP & IWTD SR 2021-22,Vol-II)							9636.00	
		Each							
			2				2.00		
							Total Quantity	2.00	
							Shedule B Quantity	6.00	
							Total Executive Quantity	2.00	114.16
31	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double bail bearing system. 48" Sweep (1200mm)(P.No. 22, I.No. 6.4 of PWD Ele SR 2021-22)							228.00	
		Each							
			20				20.00		
							Total Quantity	20.00	
							Shedule B Quantity	20.00	
							Total Executive Quantity	20.00	3,072.48
82	Supplying wall mounting fan suitable to operate at singlephase 230v AC. supply. (1200mm) 400 mm Sweep (P.No. 22, I.No. 6.5.2 of PWD Ele SR 2021-22)							61450.00	
		Each							
			4				4.00		
							Total Quantity	4.00	
							Shedule B Quantity	8.00	
							Total Executive Quantity	4.00	2,957.35
183	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply &completely wired on existing box. (ELE SR 6 Page-6, Item-3.7)							11829.00	
		Each							
			12				12.00		

No	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
						Total Quantity	12.00		
						Shedule B Quantity	12.00		
						Total Executive Quantity	12.00	777.63	9332.00
184	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments. (ELE SR 2021-22 Page-3, Item-2.3)								
		M							
			200				200.00		
						Total Quantity	200.00		
						Shedule B Quantity	200.00		
						Total Executive Quantity	200.00	19.51	3902.00
185	b. 1.5 Sqmm								
		M							
			430				430.00		
						Total Quantity	430.00		
						Shedule B Quantity	430.00		
						Total Executive Quantity	430.00	28.30	12169.00
186	2.3.3) 2.5 Sqmm								
		M							
			390				390.00		
						Total Quantity	390.00		
						Shedule B Quantity	390.00		
						Total Executive Quantity	390.00	41.96	16364.00
187	2.3.4) 4 Sqmm								
		M							
			350				350.00		
						Total Quantity	350.00		
						Shedule B Quantity	350.00		
						Total Executive Quantity	350.00	63.42	22197.00
188	C.6 Sqmm								
		M							
			390				390.00		
						Total Quantity	390.00		
						Shedule B Quantity	390.00		
						Total Executive Quantity	390.00	89.76	35006.00
189	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm .... Etc as required. (ELE SR 2021-22 Page-2, Item-1.8)								
		M							
			50				50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	28.30	1415.00
190	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely. (ELE SR 2021-22 Page-2, Item-1.9)								
		No's							
			50				50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	27.32	1366.00
191	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws. (ELE SR 2021-22 Page-6, Item-3.10.2)								
		No's							
			20				20.00		
						Total Quantity	20.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	20.00	14.64	293.00
192	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slap. (ELE SR 2021-22 Page-6, Item-3.11)								

No	Description of work	Unit	Nos	Dimenstions In m			Quantity	Rate In Rs.	Amount In Rs.
				L In m	B In m	D In m			
		No's							
			20				20.00		
						Total Quantity	20.00		
						Shedule B Quantity	20.00		
						Total Executive Quantity	20.00	10.73	215.00
13	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Flouresent Tube. 1 x 4' Tube light fitting. (ELE SR 2019-20 Page-41, Item-12.25.2)								
		Each							
			10				10.00		
						Total Quantity	10.00		
						Shedule B Quantity	10.00		
						Total Executive Quantity	10.00	322.96	3230.00
14	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with Initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply 28 watts Lamp (ELE SR 2021-22 Page-40, Item-12.18.2)								
		Each							
			12				12.00		
						Total Quantity	12.00		
						Shedule B Quantity	12.00		
						Total Executive Quantity	12.00	175.63	2108.00
95	Supplying, installing, testing and commissioning of Diesel Generator set with following specifications. Power rating as per standard reference condition as per-BS 5514/ISO 3046/ ISO 8528 & IS 1002/ISO 3046 Generator set specifications. Engine: Diesel generating set are rated at 1500RPM and conform to ISO 8528 specifications. The engines are radiator cooled, four stroke and multi cylinder, conforming to ISO 3046. The scope of supply includes: Electrical starter motor12V DC Battery charging alternator, Bosch fuel system with mechanical governor, A1 Class. Spin-on lube oil filter, Spin-on dual fuel filter with water separator, Turbocharger, Charge air cooler, Silencer (Hospital grade), Dry type air cleaner, Shutoff coil, Flywheel and flywheel housing, First fill of lube oil and coolant, Safety for low lube oil pressure, Safety for high water temperature, Permissible overload of 10% for one hour in 12 hours of operation Capacity of Fuel Tank: Fuel tank suitable for 8 hours of operation Alternator: Alternator is suitable for operation at 1500 RPM, 415 V, 0.8 pf (lag) suitable for 50 Hz, 3 phase, 4 wire systems, conforming to IS/IEC 60034-1. The Alternator is brush less type, screen protected, revolving field, self excited, self regulated through an AVR. The alternator shall have± 1.0% Voltage regulation (max) in static conditions- IP: 23 protections with insulation class F&H Mounting arrangement: Engine and alternator are mounted on a common MS fabricated base frame with AVM pads.Control Panel: The control panel is manufactured with 14/16 gauge CRCA sheet and is powder coated for weather-proof and long lasting finish. The control panel consists of the following parts:- PS0500 Controller, Aluminium bus bars with suitable capacity within/outgoing terminals, Indicating lA for 'Load On' and 'Set Running', Instrument fuses duly wired and ferruled, MCCB of suitable rating with overload and short circuit protections. Genset Controller: microprocessor based generator set monitoring and control system. The control provides a simple operator interface to the generator set, manual and remote start/ stop control, shutdown fault indication, and an LCD hour counter. The integration of all functions into a single control system provides enhanced reliability and performance compared to conventional generator set control systems. This control has been designed and tested to meet harsh environment in which								
		Each							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	0.00	3,67,392.03	0.00
196	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge to the appropriate disposal area. (P.No. 169, I.No.19.57 of PWP & IWTD SR 2021-22)								
		Cum							
	Not Operated								

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
						Total Quantity	0.00		
						Shedule B Quantity	174.82		
						Total Executive Quantity	0.00	65.37	0.00
	BESCOM CHARGES								
		1					1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	50,000.00	50000.00
	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid(P.No. 123, I.No. 14.3.1 of PWP & IWTD SR 2021-22) GROUND FLOOR								
		Each							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	0.00	5,737.12	0.00
	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid(P.No. 123, I.No. 14.3.1 of PWP & IWTD SR 2021-22) FIRST FLOOR								
		Each							
			2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	5,793.71	11587.00
10	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid (KPWD SR 2021-22, Volume-II, Item No.14.2.1, Page No.123)								
		Each							
			1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	1.00	4,614.09	4614.00
201	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cistern (KPWD SR 2021-22, Volume-II, Item No.14.4.1, Page No.123)								
		Each							
			2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	4,053.06	8106.00
202	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps (KPWD SR 2021-22, Volume-II, Item No.14.7.1, Page No.124) GROUND FLOOR								

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
		Each							
	Not Operated								
						Total Quantity	0.00		
						Shedule B Quantity	11.00		
						Total Executive Quantity	0.00	0.00	0.00
3	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps (KPWD SR 2021-22, Volume-II, Item No.14.7.1, Page No.124) FIRST FLOOR								
		Each							
			2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	2,927.10	5854.00
4	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 510x1040 mm bowl depth 250 mm (P.No. 125, I.No. 14.10.1.1 of PWP & IWTD SR 2018-19)								
		Each							
			1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	5,696.14	5696.00
5	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank. (KPWD SR 2021-22, Volume-II, Item No.13.34								
		LTR							
			1	2000.00			2000		
						Total Quantity	2000.00		
						Shedule B Quantity	4,000.00		
						Total Executive Quantity	2000.00	9.27	18540.00
06	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments. 2 HP, Size 65x50 Head 13M, Discharge 462 LPM(P.No. 164, I.No. 46.1 of PWP & IWTD SR 2021-22)								
		Each							
			1				1.00		
						Total Quantity	1.00		
						Shedule B Quantity	1.00		
						Total Executive Quantity	1.00	17,681.64	17682.00
207	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 15mm nominal dia pipes.(I.No. 13.32.1 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	350.28	17514.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 20mm nominal dia pipes.(I.No. 13.32.2 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	427.36	21368.00
	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes.(I.No. 13.32.3 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	546.39	27320.00
.0	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 25 mm nominal dia Pipes (KPWD SR 2021-22, Volume-II, Item No.13.31.3)								
		M							
	Not Operated					Total Quantity	0.00		
						Shedule B Quantity	100.00		
						Total Executive Quantity	0.00	361.98	0.00
211	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes (KPWD SR 2021-22, Volume-II, Item No.13.31.4)								
		M							
			1	50.00			50.00		
	Not Operated					Total Quantity	50.00		
						Shedule B Quantity	100.00		
						Total Executive Quantity	50.00	449.80	22490.00
212	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 32mm nominal dia pipes.(I.No. 13.32.4 of PWP & IWTD SR 2021-22,1st Corrigendum and Addendum order - 21-04-2022)								
		M							
			1	35.00			35.00		
						Total Quantity	35.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	35.00	637.13	22300.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
	Constructing brick masonry chamber of internal dimension 600x450mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover.(P.No. 187, SOR CODE-T130A of PWP & IWTD SR 2021-22,Vol-V)								
		M							
			1	3.00			3.00		
						Total Quantity	3.00		
						Shedule B Quantity	3.00		
						Total Executive Quantity	3.00	5,013.15	15039.00
	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc HDPE Grade PE100-PN6.0,200mm dia..(P.No. 126, SOR Code-K060I of PWP & IWTD SR 2021-22,Vol-V)								
		M							
			1	50.00			50.00		
						Total Quantity	50.00		
						Shedule B Quantity	50.00		
						Total Executive Quantity	50.00	985.46	49273.00
215	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore (P.No. 114, I.No. 13.2.2 of PWP & IWTD SR 2021-22,Vol-II)								
		M							
			1	15.00			15.00		
						Total Quantity	15.00		
						Shedule B Quantity	15.00		
						Total Executive Quantity	15.00	394.18	5913.00
216	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore(P.No. 114, I.No. 13.3.2 of PWP & IWTD SR 2021-22,Vol-II)								
		M							
			1	5.00			5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	394.18	1971.00
217	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber 150 x 100 mm size P type With Non Modular common burnt clay bricks of designation 3.5 & with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight or cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design: (KPWD SR 2021-22, Volume-II, Item No.13.39)								
		Each							
			12				12.00		
						Total Quantity	12.00		
						Shedule B Quantity	12.00		
						Total Executive Quantity	12.00	2,634.39	31613.00
218	Providing and fixing PTMT grating of approved quality and colour Circular type 100 mm nominal dia.(P.No. 118, I.No. 13.22.1.1of PWP & IWTD SR 2021-22,Vol-II)								
		No's							
			5				5.00		
						Total Quantity	5.00		
						Shedule B Quantity	5.00		
						Total Executive Quantity	5.00	102.45	512.00

	Description of work	Unit	Nos	Dimenstions in m			Quantity	Rate in Rs.	Amount in Rs.
				L in m	B in m	D in m			
19	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (P.No. 128, I.No. 14.31 of PWP & IWTD SR 2021-22,Vol-II) GROUND FLOOR								
		No's							
			7				7.00		
						Total Quantity	7.00		
						Shedule B Quantity	7.00		
						Total Executive Quantity	7.00	1,112.30	7786.00
20	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete. (P.No. 128, I.No. 14.31 of PWP & IWTD SR 2021-22,Vol-II) FIRST FLOOR								
		No's							
			2				2.00		
						Total Quantity	2.00		
						Shedule B Quantity	2.00		
						Total Executive Quantity	2.00	1,112.00	2224.00
21	4 Seater Student Desk Heavy Fabricated Frame with 18mm pre laminated board top complete as per specification and the directions of Engineer-in-charge								
		No's							
			571				571.00		
						Total Quantity	571.00		
						Shedule B Quantity	571.00		
						Total Executive Quantity	571.00	14,937.95	8529569.00
	EIRL ITEMS								
1	Providing and fixing stainless steel 304 grade for seating arrangement at bus shelter using 50mm dia 16 guage hollow pipe for verticals at 1 mtr center to centre for seating 25mm dia stainless steel pipe spaced at 0.75m regular intervals, and sides 25mm dia. Stainless steel hollow horizontal pipe 1.2 mtrs depth back rust 40mm dia stainless steel pipe of 0.4 mtr wide 1 mtr centre to centre for seating stainless steel perforated sheet of 1.5mm thick of width 0.45 mtr and for back rest stainless steel perforated sheet of 1.5mm thick are welded. The entire assembly is fixed as per specification etc complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specifications. (aproved data rate)								
		M							
			4	9.75			39.00		
						Total Quantity	39.00		
						Shedule B Quantity	39.00		
						Total Executive Quantity	39.00	31,230.00	1217970.00
22	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)								
		Sqm							
	Rajartnao park road side drain		1	87.00		1.20	104.4		
	Vemanna park road side drain		1	61.70		1.20	74.04		
						Total Quantity	178.44		
						Shedule B Quantity	178.44		
						Total Executive Quantity	178.44	2,156.95	384887.00
E3	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge								
		Sqm							
	Culverts		1	6.80		1.50	10.2		
			1	4.20		1.50	6.3		
			1	7.50		1.50	11.25		
						Total Quantity	27.75		

No	Description of work	Unit	Nos	Dimenstions In m			Quantity	Rate In Rs.	Amount in Rs.
				L in m	B In m	D In m			
						Shedule B Quantity	27.75		
						Total Executive Quantity	27.75	5,243.52	145508.00
E4	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)								
		Cum							
	For Bus Stop		1	11.80	0.45	0.60	3.186		
			1	10.00	0.45	0.60	2.7		
			3	2.10	0.45	0.60	1.701		
							7.587		
						For 4 Nos	30.348		
	For Building								
	For Short walls		3	9.30	0.90	0.40	10.044		
			3	9.30	0.60	0.40	6.696		
			3	9.30	0.45	0.40	5.022		
	For Long walls		2	12.00	0.90	0.40	8.64		
			2	12.00	0.60	0.40	5.76		
			2	12.00	0.45	0.40	4.32		
	For Long walls		2	3.10	0.90	0.40	2.232		
			2	3.10	0.60	0.40	1.488		
			2	3.10	0.45	0.40	1.116		
						Total Quantity	75.67		
						Shedule B Quantity	75.67		
						Total Executive Quantity	75.67	6,128.58	463725.00
E5	Providing and supplying two coats of art oainting of approved band and shade on wall surface including primer coat with cost of matirials,labour,complete as per specification and directions of the engineer uin charge of the work-Data rate								
		Sqm							
	Cycle Track wall painting		1	15.00	2.05		30.75		
			1	12.70	1.93		24.45		
			1	14.20	2.05		29.11		
			1	11.55	2.16		24.95		
			1	19.70	2.18		42.85		
			1	15.00	2.30		34.50		
			1	11.90	2.15		25.59		
						Total Quantity	212.19		
						Shedule B Quantity	212.19		
						Total Executive Quantity	212.19	988.95	209843.00
E6	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.								
		Sqm							
	Watch man shed shetters		2	1.20	1.20		2.88		
	W					Total Quantity	2.88		
						Shedule B Quantity	2.88		
						Total Executive Quantity	2.88	4,191.07	12070.00

No	Description of work	Unit	Nos	Dimenstions in m L in m	B in m	D in m	Quantity	Rate in Rs.	Amount in Rs.
E7	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work.								
		Cum							
	cc roads		1	11.60	9.00	0.20	20.88		
			1	11.00	7.00	0.20	15.4		
			1	11.00	5.00	0.20	11		
			1	16.50	11.00	0.20	36.3		
						Total Quantity	83.58		
						Shedule B Quantity	83.58		
						Total Executive Quantity	83.58	7,456.89	623247.00
E8	Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge.								
		Sqm							
	For Building		1	3.30	4.00		13.20		
						Total Quantity	13.20		
						Shedule B Quantity	13.20		
						Total Executive Quantity	13.20	928.56	12257.00
E9	Providing and fixing M.S.Gate as per Chief Architect Drawing using 50mm x 50mm 14 gauge M.S. hollow pipe frame workbent to ornamental shape as shown in drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms ole in two halves and 40mm x 6mm M.S.flats for for horizantal member and at the top cast iron splices are providedat alternate vertical members as shwn in the drawing etc. complete All the steel surface should be Thorougly cleaned free of rust and painted with anti corrosive paint (shop paint) etc. complete. the work includes cost of all materials, labourcharges, for all items of work hire charges for welding, cutting and grinding equipment and elecricity charges, with lead and lift, loading and unloading charges etc., complete as per specification								
	For Building		1	3.00		2.10	6.30		
						Total Quantity	6.30		
						Shedule B Quantity	6.30		
						Total Executive Quantity	6.30	3,323.62	20939.00
								Total Amount	86428813.00
								Add GST Charges 18%	15557186.34
								Grand Total	101985999.34

Technical Sanction
Accorded For 101985999.-
Head of A/C 23877
CER NO : 89 Dt: 14/03/23

Certificate:
1. The work spot has been inspected and found to be necessary
2. The provisions made in the estimate are necessary and minimum
3. The estimate is based on CSR of 2020-21 of Issue Rates on 04.01.2023

Assistant Engineer

Assistant Executive Engineer
Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

CONSULTANTS